Appendix D. Output Power Measurement

<WCDMA Note>

1. The following tests were conducted according to the test requirements outlines in 3GPP TS 34.121 specification.
2. The procedures in KDB 941225 D01v03r01 are applied for 3GPP Rel. 6 HSPA to configure the device in the required sub-test mode(s) to determine SAR test exclusion.
3. Per KDB 941225 D01v03r01, for SAR testing is measured using a 12.2 kbps RMC with TPC bits configured to all "1's".
4. Per KDB 941225 D01v03r01, RMC 12.2kbps setting is used to evaluate SAR. The maximum output power and tune-up tolerance specified for production units in HSDPA / HSUPA is ≤ ¼ dB higher than RMC 12.2Kbps or when the highest reported SAR of the RMC12.2Kbps is scaled by the ratio of specified maximum output power and tune-up tolerance of HSDPA / HSUPA to RMC12.2Kbps and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for HSDPA / HSUPA, and according to the following RF output power, the output power results of the secondary modes (HSUPA, HSDPA) are less than ¼ dB higher than the primary modes; therefore, SAR measurement is not required for HSDPA / HSUPA.

A summary of these settings are illustrated below:

HSDPA Setup Configuration:

a. The EUT was connected to Base Station Agilent E5515C referred to the Setup Configuration.
b. The RF path losses were compensated into the measurements.
c. A call was established between EUT and Base Station with following setting:
   i. Set Gain Factors (β_c and β_d) and parameters were set according to each
   ii. Specific sub-test in the following table, C10.1.4, quoted from the TS 34.121
   iii. Set RMC 12.2Kbps + HSDPA mode.
   iv. Set Cell Power = -86 dBm
   v. Set HS-DSCH Configuration Type to FRC (H-set 1, QPSK)
   vi. Select HSDPA Uplink Parameters
   vii. Set Delta ACK, Delta NACK and Delta CQI = 8
   viii. Set Ack-Nack Repetition Factor to 3
   ix. Set CQI Feedback Cycle (k) to 4 ms
   x. Set CQI Repetition Factor to 2
   xi. Power Ctrl Mode = All Up bits
d. The transmitted maximum output power was recorded.

Table C.10.1.4: β values for transmitter characteristics tests with HS-DPCCH

Sub-test	β_c	β_d	β_d (SF)	β_c/β_d	β_{HS} (Note1, Note 2)	CM (dB) (Note 3)	MPR (dB) (Note 3)
1	2/15	15/15	64	2/15	4/15	0.0	0.0
2	12/15 (Note 4)	15/15 (Note 4)	64	12/15 (Note 4)	24/15	1.0	0.0
3	15/15	8/15	64	15/8	30/15	1.5	0.5
4	15/15	4/15	64	15/4	30/15	1.5	0.5

Note 1: Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 30/15 with β_{hs} = 30/15 * β_c.

Note 2: For the HS-DPCCH power mask requirement test in clause 5.2C, 5.7A, and the Error Vector Magnitude (EVM) with HS-DPCCH test in clause 5.13.1A, and HSDPA EVM with phase discontinuity in clause 5.13.1AA, Δ_{ACK} and Δ_{NACK} = 30/15 with β_{hs} = 30/15 * β_c, and Δ_{CQI} = 24/15 with β_{hs} = 24/15 * β_c.

Note 3: CM = 1 for β_c/β_d =12/15, β_{hs}/β_c=24/15. For all other combinations of DPDCH, DPCCH and HS-DPCCH the MPR is based on the relative CM difference. This is applicable for only UEs that support HSDPA in release 6 and later releases.

Note 4: For subtest 2 the β_c/β_d ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to β_c = 11/15 and β_d = 15/15.

Setup Configuration

HSUPA Setup Configuration:

a. The EUT was connected to Base Station Agilent E5515C referred to the Setup Configuration.
b. The RF path losses were compensated into the measurements.
c. A call was established between EUT and Base Station with following setting * :
   i. Call Configs = 5.2B, 5.9B, 5.10B, and 5.13.2B with QPSK
   ii. Set the Gain Factors (β_c and β_d) and parameters (AG Index) were set according to each specific sub-test in the following table, C11.1.3, quoted from the TS 34.121
   iii. Set Cell Power = -86 dBm
   iv. Set Channel Type = 12.2k + HSPA
   v. Set UE Target Power
   vi. Power Ctrl Mode= Alternating bits
   vii. Set and observe the E-TFCI
   viii. Confirm that E-TFCI is equal to the target E-TFCI of 75 for sub-test 1, and other subtest's E-TFCI
d. The transmitted maximum output power was recorded.

Table C.11.1.3: β values for transmitter characteristics tests with HS-DPCCH and E-DCH

Sub-test	β_c	β_d	β_d (SF)	β_c/β_d	β_{HS} (Note1)	β_{ec}	β_{ed} (Note 4) (Note 5)	β_{ed} (SF)	β_{ed} (Codes)	CM (dB) (Note 2)	MPR (dB) (Note 2) (Note 6)	AG Index (Note 5)	E-TFCI
1	11/15 (Note 3)	15/15 (Note 3)	64	11/15 (Note 3)	22/15	209/225	1309/225	4	1	1.0	0.0	20	75
2	6/15	15/15	64	6/15	12/15	12/15	94/75	4	1	3.0	2.0	12	67
3	15/15	9/15	64	15/9	30/15	30/15	$\beta_{ed}1$: 47/15 $\beta_{ed}2$: 47/15	4 4	2	2.0	1.0	15	92
4	2/15	15/15	64	2/15	4/15	2/15	56/75	4	1	3.0	2.0	17	71
5	15/15	0	-	-	5/15	5/15	47/15	4	1	1.0	0.0	12	67

Note 1: For sub-test 1 to 4, Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 30/15 with β_{hs} = 30/15 * β_c . For sub-test 5, Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 5/15 with β_{hs} = 5/15 * β_c .

Note 2: CM = 1 for β_c/β_d =12/15, β_{hs}/β_c=24/15. For all other combinations of DPDCH, DPCCH, HS- DPCCH, E-DPDCH and E-DPCCH the MPR is based on the relative CM difference.

Note 3: For subtest 1 the β_c/β_d ratio of 11/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to β_c = 10/15 and β_d = 15/15.

Note 4: In case of testing by UE using E-DPDCH Physical Layer category 1, Sub-test 3 is omitted according to TS25.306 Table 5.1g.

Note 5: β_{ed} can not be set directly; it is set by Absolute Grant Value.

Note 6: For subtests 2, 3 and 4, UE may perform E-DPDCH power scaling at max power which could results in slightly smaller MPR values.

Setup Configuration

<LTE Note>

1. Anritsu base station simulator was used to setup the connection with EUT; the frequency band, channel bandwidth, RB allocation configuration, modulation type are set in the base station simulator to configure EUT transmitting at maximum power and at different configurations which are requested to be reported to FCC, for conducted power measurement and SAR testing.
2. Per KDB 941225 D05v02r05, when a properly configured base station simulator is used for the SAR and power measurements, spectrum plots for each RB allocation and offset configuration is not required.
3. Per KDB 941225 D05v02r05, start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.
4. Per KDB 941225 D05v02r05, 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure.
5. Per KDB 941225 D05v02r05, For QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.
6. Per KDB 941225 D05v02r05, 16QAM output power for each RB allocation configuration is > not ½ dB higher than the same configuration in QPSK and the reported SAR for the QPSK configuration is ≤ 1.45 W/kg; Per KDB 941225 D05v02r05, 16QAM SAR testing is not required.
7. Per KDB 941225 D05v02r05, Smaller bandwidth output power for each RB allocation configuration is > not ½ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg; Per KDB 941225 D05v02r05, smaller bandwidth SAR testing is not required.
8. For LTE B4/B5/B12/B17/B26/B38/B71 the maximum bandwidth does not support three non-overlapping channels, per KDB 941225 D05v02r05, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.
9. LTE band 2/4/5/17/38 SAR test was covered by Band 25/66/26/12/41; according to April 2015 TCB workshop, SAR test for overlapping LTE bands can be reduced if
   a. the maximum output power, including tolerance, for the smaller band is ≤ the larger band to qualify for the SAR test exclusion
   b. the channel bandwidth and other operating parameters for the smaller band are fully supported by the larger band

<TDD LTE SAR Measurement>

TDD LTE configuration setup for SAR measurement

SAR was tested with a fixed periodic duty factor according to the highest transmission duty factor implemented for the device and supported by 3GPP.

a. 3GPP TS 36.211 section 4.2 for Type 2 Frame Structure and Table 4.2-2 for uplink-downlink configurations

b. "special subframe S" contains both uplink and downlink transmissions, it has been taken into consideration to determine the transmission duty factor according to the worst case uplink and downlink cyclic prefix requirements for UpPTS

c. Establishing connections with base station simulators ensure a consistent means for testing SAR and recommended for evaluating SAR. The Base station simulator was used for LTE output power measurements and SAR testing.

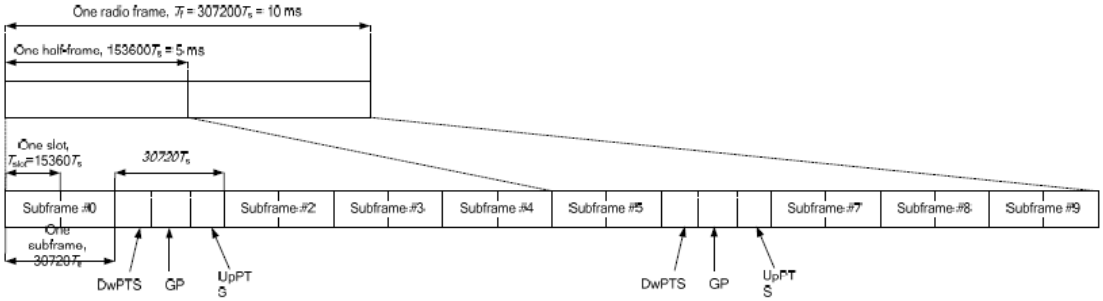

Figure 4.2-1: Frame structure type 2 (for 5 ms switch-point periodicity).

Table 4.2-2: Uplink-downlink configurations.

Uplink-downlink configuration	Downlink-to-Uplink Switch-point periodicity	Subframe number									
		0	1	2	3	4	5	6	7	8	9
0	5 ms	D	S	U	U	U	D	S	U	U	U
1	5 ms	D	S	U	U	D	D	S	U	U	D
2	5 ms	D	S	U	D	D	D	S	U	D	D
3	10 ms	D	S	U	U	U	D	D	D	D	D
4	10 ms	D	S	U	U	D	D	D	D	D	D
5	10 ms	D	S	U	D	D	D	D	D	D	D
6	5 ms	D	S	U	U	U	D	S	U	U	D

Table 4.2-1: Configuration of special subframe (lengths of DwPTS/GP/UpPTS).

Special subframe configuration	Normal cyclic prefix in downlink			Extended cyclic prefix in downlink		
	DwPTS	UpPTS		DwPTS	UpPTS	
		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink
0	$6592 \cdot T_s$	$2192 \cdot T_s$	$2560 \cdot T_s$	$7680 \cdot T_s$	$2192 \cdot T_s$	$2560 \cdot T_s$
1	$19760 \cdot T_s$			$20480 \cdot T_s$		
2	$21952 \cdot T_s$			$23040 \cdot T_s$		
3	$24144 \cdot T_s$			$25600 \cdot T_s$		
4	$26336 \cdot T_s$			$7680 \cdot T_s$	$4384 \cdot T_s$	$5120 \cdot T_s$
5	$6592 \cdot T_s$	$4384 \cdot T_s$	$5120 \cdot T_s$	$20480 \cdot T_s$		
6	$19760 \cdot T_s$			$23040 \cdot T_s$		
7	$21952 \cdot T_s$			$12800 \cdot T_s$		
8	$24144 \cdot T_s$			-	-	-
9	$13168 \cdot T_s$			-	-	-

Special subframe (30720·T_s): Normal cyclic prefix in downlink (UpPTS)			
	Special subframe configuration	**Normal cyclic prefix in uplink**	**Extended cyclic prefix in uplink**
Uplink duty factor in one special subframe	**0~4**	7.13%	8.33%
	5~9	14.3%	16.7%

Special subframe(30720·T_s): Extended cyclic prefix in downlink (UpPTS)			
	Special subframe configuration	**Normal cyclic prefix in uplink**	**Extended cyclic prefix in uplink**
Uplink duty factor in one special subframe	**0~3**	7.13%	8.33%
	4~7	14.3%	16.7%

The highest duty factor is resulted from:

i. Uplink-downlink configuration: 0. In a half-frame consisted of 5 subfames, uplink operation is in 3 uplink subframes and 1 special subframe.

ii. special subframe configuration: 5-9 for normal cyclic prefix in downlink, 4-7 for extended cyclic prefix in downlink

iii. for special subframe with extended cyclic prefix in uplink, the total uplink duty factor in one half-frame is: (3+0.167)/5 = 63.3%

iv. for special subframe with normal cyclic prefix in uplink, the total uplink duty factor in one half-frame is: (3+0.143)/5 = 62.9%

v. For TDD LTE SAR measurement, the duty cycle 1:1.59 (62.9 %) was used perform testing and considering the theoretical duty cycle of 63.3% for extended cyclic prefix in the uplink, and the theoretical duty cycle of 62.9% for normal cyclic prefix in uplink, a scaling factor of extended cyclic prefix 63.3%/62.9% = 1.006 is applied to scale-up the measured SAR result. The scaled TDD LTE SAR = measured SAR (W/kg)* Tune-up Scaling Factor* scaling factor for extended cyclic prefix.

vi. The device supports Power Class 3 uplink-downlink configurations 0 and 6, and Power Class 2 uplink-downlink configurations 1 to 5.

vii. The highest available duty cycle for Power Class 2 operation is 43.3% using UL-DL configuration 1, for Power Class 3 operation is 63.3% using UL-DL configuration 0. Per FCC Guidance, all SAR tests were performed using Power Class 3. SAR with Power Class 2 at the available duty factor was additionally performed for the Power Class 3 configuration with the highest SAR among all exposure condition.

<5G NR Note>

1. Referencing the procedure in KDB 941225, the test procedures are outlined as below
   a. For DFT-OFDM output power measurement, full measurement was done for Pi/2 BPSK and QPSK and for the largest supported bandwidth, repeat test for 16QAM/64QAM/256QAM under 1RB 1Offset configuration. For smaller bandwidth, measure conducted power for Pi/2 BPSK and 1RB 1Offset configuration.
   b. According to the tune-up, CP-OFDM output power is not ½ dB higher than DFT-OFDM mode, and the reported SAR of DFT-OFDM mode reported SAR is ≤ 1.45 W/kg, SAR test and thus conducted power for CP-OFDM mode is not required.
   c. To start SAR test for the largest channel bandwidth for PI/2 BPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel. Also do SAR test for 50% RB allocation for PI/2 BPSK SAR testing using 1RB PI/2 BPSK allocation procedure
   d. For PI/2 BPSK with 100% RB allocation, SAR test is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.
   e. For higher modulation QPSK/16QAM/64QAM/256QAM, according to tune-up document the power level is not ½ dB higher than the same configuration in PI/2 BPSK, also reported SAR for the PI/2 BPSK configuration is less than 1.45 W/kg, QPSK/16QAM/64QAM/256QAM SAR testing are not required.
   f. Smaller bandwidth output power for each RB allocation configuration for this device is not ½ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg, smaller bandwidth SAR testing is not required for this device
2. Due to test setup limitations, SAR testing for NR TDD Power class 3 was performed using Factory Test Mode software to establish the connection and perform SAR with 100% transmission. For NR TDD power class2 was performed using Factory Test Mode software to establish the connection and perform SAR with 50% transmission.
3. For NR FDD was establishing connections via a base station simulator to use for output power measurement and SAR testing

<3GPP 38.101 MPR for EN-DC>

Table 6.2.2-1 Maximum power reduction (MPR) for power class 3

Modulation		MPR (dB)		
		Edge RB allocations	Outer RB allocations	Inner RB allocations
DFT-s-OFDM	Pi/2 BPSK	≤ 3.5[1]	≤ 1.2[1]	≤ 0.2[1]
		≤ 0.5[2]	≤ 0.5[2]	0[2]
	QPSK	≤ 1		0
	16 QAM	≤ 2		≤ 1
	64 QAM	≤ 2.5		
	256 QAM	≤ 4.5		
CP-OFDM	QPSK	≤ 3		≤ 1.5
	16 QAM	≤ 3		≤ 2
	64 QAM	≤ 3.5		
	256 QAM	≤ 6.5		

NOTE 1: Applicable for UE operating in TDD mode with Pi/2 BPSK modulation and UE indicates support for UE capability *powerBoosting-pi2BPSK* and if the IE *powerBoostPi2BPSK* is set to 1 and 40 % or less slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79. The reference power of 0 dB MPR is 26 dBm.

NOTE 2: Applicable for UE operating in FDD mode, or in TDD mode in bands other than n40, n41, n77, n78 and n79 with Pi/2 BPSK modulation and if the IE *powerBoostPi2BPSK* is set to 0 and if more than 40 % of slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79.

Table 6.2.2-2 Maximum power reduction (MPR) for power class 2

Modulation		MPR (dB)		
		Edge RB allocations	Outer RB allocations	Inner RB allocations
DFT-s-OFDM	Pi/2 BPSK	≤ 3.5	≤ 0.5	0
	QPSK	≤ 3.5	≤ 1	0
	16 QAM	≤ 3.5	≤ 2	≤ 1
	64 QAM	≤ 3.5	≤ 2.5	
	256 QAM	≤ 4.5		
CP-OFDM	QPSK	≤ 3.5	≤ 3	≤ 1.5
	16 QAM	≤ 3.5	≤ 3	≤ 2
	64 QAM	≤ 3.5		
	256 QAM	≤ 6.5		

Sensor Off

<WCDMA>

Band		WCDMA II_Ant Main_Sensor Off			Tune-up Limit (dBm)	WCDMA IV_Ant Main_Sensor Off			Tune-up Limit (dBm)	WCDMA V_Ant Main_Sensor Off			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	24.38	24.42	24.37	24.50	24.42	24.46	24.43	24.50	24.24	24.32	24.30	24.50
3GPP Rel 6	HSDPA Subtest-1	23.13	23.17	23.16	24.50	23.15	23.10	23.13	24.50	22.90	23.00	23.04	24.50
3GPP Rel 6	HSDPA Subtest-2	22.63	22.68	22.69	24.50	22.64	22.58	22.65	24.50	22.40	22.46	22.48	24.50
3GPP Rel 6	HSDPA Subtest-3	23.15	23.18	23.22	24.00	23.13	23.10	23.13	24.00	22.90	22.99	23.00	24.00
3GPP Rel 6	HSDPA Subtest-4	23.16	23.20	23.20	24.00	23.14	23.09	23.13	24.00	22.92	23.01	23.01	24.00
3GPP Rel 6	HSUPA Subtest-1	23.15	23.20	23.20	23.50	23.17	23.17	23.15	23.50	22.98	23.04	23.04	23.50
3GPP Rel 6	HSUPA Subtest-2	21.18	21.15	21.22	21.50	20.35	20.08	20.08	21.50	20.06	20.13	20.12	21.50
3GPP Rel 6	HSUPA Subtest-3	22.15	22.18	22.20	22.50	21.14	21.10	21.10	22.50	21.03	21.09	21.16	22.50
3GPP Rel 6	HSUPA Subtest-4	21.22	21.18	21.18	21.50	20.11	20.11	20.11	21.50	20.07	20.14	20.17	21.50
3GPP Rel 6	HSUPA Subtest-5	23.20	23.20	23.20	23.50	22.10	22.10	22.10	23.50	22.10	22.10	22.10	23.50

<LTE Band 2_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.37	23.43	23.42	24.5
20	QPSK	1	49	23.35	23.37	23.39	
20	QPSK	1	99	23.35	23.24	23.34	
20	QPSK	50	0	22.46	22.47	22.39	23.5
20	QPSK	50	24	22.42	22.43	22.38	
20	QPSK	50	50	22.39	22.36	22.35	
20	QPSK	100	0	22.39	22.41	22.34	
20	16QAM	1	0	22.69	22.62	22.72	23.5
20	16QAM	1	49	22.72	22.75	22.64	
20	16QAM	1	99	22.61	22.53	22.71	
20	16QAM	50	0	21.38	21.39	21.39	22.5
20	16QAM	50	24	21.47	21.45	21.40	
20	16QAM	50	50	21.40	21.38	21.42	
20	16QAM	100	0	21.44	21.40	21.39	
20	64QAM	1	0	21.60	21.59	21.66	22.5
20	64QAM	1	49	21.62	21.61	21.69	
20	64QAM	1	99	21.58	21.52	21.57	
20	64QAM	50	0	20.36	20.38	20.40	21.5
20	64QAM	50	24	20.48	20.46	20.41	
20	64QAM	50	50	20.40	20.36	20.44	
20	64QAM	100	0	20.42	20.42	20.37	
20	256QAM	1	0	18.35	18.33	18.34	19.5
20	256QAM	1	49	18.31	18.48	18.45	
20	256QAM	1	99	18.29	18.45	18.25	
20	256QAM	50	0	18.21	18.32	18.28	19.5
20	256QAM	50	24	18.34	18.32	18.26	
20	256QAM	50	50	18.33	18.36	18.32	
20	256QAM	100	0	18.29	18.28	18.26	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.26	23.26	23.30	24.5
15	QPSK	1	37	23.23	23.26	23.19	
15	QPSK	1	74	23.22	23.08	23.14	
15	QPSK	36	0	22.27	22.37	22.19	23.5
15	QPSK	36	20	22.29	22.29	22.22	
15	QPSK	36	39	22.21	22.25	22.19	
15	QPSK	75	0	22.20	22.25	22.19	
15	16QAM	1	0	22.57	22.48	22.56	23.5
15	16QAM	1	37	22.54	22.62	22.44	
15	16QAM	1	74	22.42	22.36	22.54	
15	16QAM	36	0	21.20	21.29	21.25	22.5
15	16QAM	36	20	21.36	21.34	21.30	
15	16QAM	36	39	21.25	21.20	21.23	
15	16QAM	75	0	21.27	21.26	21.29	
15	64QAM	1	0	21.40	21.39	21.52	22.5
15	64QAM	1	37	21.51	21.42	21.50	
15	64QAM	1	74	21.43	21.39	21.40	
15	64QAM	36	0	20.18	20.28	20.27	21.5
15	64QAM	36	20	20.29	20.31	20.27	
15	64QAM	36	39	20.22	20.20	20.28	
15	64QAM	75	0	20.27	20.23	20.26	
15	256QAM	1	0	18.20	18.21	18.14	19.5
15	256QAM	1	37	18.13	18.29	18.26	
15	256QAM	1	74	18.18	18.28	18.11	
15	256QAM	36	0	18.01	18.14	18.11	19.5
15	256QAM	36	20	18.22	18.19	18.16	

15	256QAM	36	39	18.19	18.23	18.17	
15	256QAM	75	0	18.15	18.08	18.06	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.18	23.24	23.28	24.5
10	QPSK	1	25	23.15	23.18	23.20	
10	QPSK	1	49	23.21	23.06	23.18	
10	QPSK	25	0	22.36	22.34	22.25	23.5
10	QPSK	25	12	22.23	22.26	22.21	
10	QPSK	25	25	22.19	22.23	22.19	
10	QPSK	50	0	22.19	22.28	22.24	
10	16QAM	1	0	22.54	22.48	22.55	23.5
10	16QAM	1	25	22.55	22.64	22.46	
10	16QAM	1	49	22.43	22.40	22.51	
10	16QAM	25	0	21.28	21.25	21.20	22.5
10	16QAM	25	12	21.36	21.26	21.29	
10	16QAM	25	25	21.25	21.26	21.24	
10	16QAM	50	0	21.33	21.26	21.20	
10	64QAM	1	0	21.43	21.44	21.49	22.5
10	64QAM	1	25	21.43	21.45	21.52	
10	64QAM	1	49	21.45	21.34	21.44	
10	64QAM	25	0	20.18	20.19	20.23	21.5
10	64QAM	25	12	20.32	20.27	20.31	
10	64QAM	25	25	20.27	20.21	20.29	
10	64QAM	50	0	20.27	20.22	20.18	
10	256QAM	1	0	18.21	18.16	18.16	19.5
10	256QAM	1	25	18.15	18.37	18.32	
10	256QAM	1	49	18.10	18.32	18.15	
10	256QAM	25	0	18.03	18.20	18.16	19.5
10	256QAM	25	12	18.14	18.15	18.10	
10	256QAM	25	25	18.23	18.26	18.14	
10	256QAM	50	0	18.12	18.16	18.07	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	23.22	23.32	23.24	24.5
5	QPSK	1	12	23.23	23.20	23.27	
5	QPSK	1	24	23.25	23.10	23.21	
5	QPSK	12	0	22.34	22.37	22.27	23.5
5	QPSK	12	7	22.32	22.30	22.21	
5	QPSK	12	13	22.28	22.17	22.23	
5	QPSK	25	0	22.21	22.26	22.19	
5	16QAM	1	0	22.50	22.50	22.62	23.5
5	16QAM	1	12	22.61	22.57	22.53	
5	16QAM	1	24	22.49	22.35	22.55	
5	16QAM	12	0	21.26	21.21	21.24	22.5
5	16QAM	12	7	21.27	21.25	21.22	
5	16QAM	12	13	21.20	21.18	21.23	
5	16QAM	25	0	21.24	21.22	21.25	
5	64QAM	1	0	21.48	21.43	21.46	22.5
5	64QAM	1	12	21.49	21.42	21.53	
5	64QAM	1	24	21.40	21.37	21.44	
5	64QAM	12	0	20.18	20.27	20.20	21.5
5	64QAM	12	7	20.37	20.34	20.24	
5	64QAM	12	13	20.30	20.16	20.24	
5	64QAM	25	0	20.25	20.28	20.26	
5	256QAM	1	0	18.23	18.14	18.19	19.5
5	256QAM	1	12	18.20	18.38	18.33	
5	256QAM	1	24	18.17	18.35	18.11	
5	256QAM	12	0	18.05	18.17	18.16	19.5
5	256QAM	12	7	18.22	18.20	18.08	
5	256QAM	12	13	18.18	18.20	18.19	
5	256QAM	25	0	18.13	18.09	18.08	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	23.25	23.28	23.32	24.5
3	QPSK	1	8	23.21	23.17	23.24	
3	QPSK	1	14	23.24	23.09	23.23	
3	QPSK	8	0	22.35	22.32	22.29	23.5
3	QPSK	8	4	22.22	22.29	22.27	
3	QPSK	8	7	22.22	22.23	22.22	
3	QPSK	15	0	22.20	22.26	22.17	
3	16QAM	1	0	22.50	22.46	22.52	23.5
3	16QAM	1	8	22.58	22.63	22.48	
3	16QAM	1	14	22.41	22.42	22.60	
3	16QAM	8	0	21.27	21.25	21.26	22.5
3	16QAM	8	4	21.35	21.35	21.21	
3	16QAM	8	7	21.21	21.25	21.24	
3	16QAM	15	0	21.33	21.25	21.29	
3	64QAM	1	0	21.48	21.49	21.52	22.5
3	64QAM	1	8	21.52	21.47	21.49	
3	64QAM	1	14	21.41	21.36	21.41	
3	64QAM	8	0	20.16	20.22	20.20	21.5
3	64QAM	8	4	20.35	20.28	20.23	
3	64QAM	8	7	20.29	20.22	20.31	
3	64QAM	15	0	20.31	20.30	20.25	
3	256QAM	1	0	18.20	18.15	18.22	19.5
3	256QAM	1	8	18.17	18.31	18.34	
3	256QAM	1	14	18.11	18.25	18.15	
3	256QAM	8	0	18.03	18.16	18.09	19.5
3	256QAM	8	4	18.22	18.18	18.16	
3	256QAM	8	7	18.20	18.18	18.18	
3	256QAM	15	0	18.16	18.18	18.14	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.31	23.32	23.30	24.5
1.4	QPSK	1	3	23.28	23.31	23.34	
1.4	QPSK	1	5	23.29	23.31	23.33	
1.4	QPSK	3	0	23.30	23.32	23.31	
1.4	QPSK	3	1	23.30	23.34	23.32	
1.4	QPSK	3	3	23.27	23.31	23.35	
1.4	QPSK	6	0	22.33	22.36	22.32	23.5
1.4	16QAM	1	0	22.57	22.69	22.64	23.5
1.4	16QAM	1	3	22.66	22.69	22.65	
1.4	16QAM	1	5	22.59	22.64	22.62	
1.4	16QAM	3	0	22.45	22.46	22.51	
1.4	16QAM	3	1	22.44	22.46	22.47	
1.4	16QAM	3	3	22.44	22.47	22.49	
1.4	16QAM	6	0	21.39	21.43	21.37	22.5
1.4	64QAM	1	0	21.61	21.57	21.61	22.5
1.4	64QAM	1	3	21.51	21.58	21.64	
1.4	64QAM	1	5	21.50	21.61	21.63	
1.4	64QAM	3	0	21.44	21.52	21.51	
1.4	64QAM	3	1	21.46	21.55	21.47	
1.4	64QAM	3	3	21.47	21.49	21.48	
1.4	64QAM	6	0	20.36	20.44	20.37	21.5
1.4	256QAM	1	0	18.21	18.23	18.23	19.5
1.4	256QAM	1	3	18.21	18.38	18.35	
1.4	256QAM	1	5	18.17	18.31	18.07	
1.4	256QAM	3	0	18.05	18.21	18.08	
1.4	256QAM	3	1	18.20	18.17	18.07	
1.4	256QAM	3	3	18.20	18.20	18.21	
1.4	256QAM	6	0	18.14	18.16	18.06	19.5

<LTE Band 2_Ant MIMO2_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.20	23.31	23.26	24.5
20	QPSK	1	49	22.72	22.83	22.78	
20	QPSK	1	99	23.18	23.29	23.24	
20	QPSK	50	0	22.14	22.24	22.19	23.5
20	QPSK	50	24	22.28	22.39	22.34	
20	QPSK	50	50	22.20	22.31	22.26	
20	QPSK	100	0	22.19	22.30	22.25	
20	16QAM	1	0	22.17	22.28	22.23	23.5
20	16QAM	1	49	21.72	21.82	21.77	
20	16QAM	1	99	22.15	22.26	22.21	
20	16QAM	50	0	21.16	21.26	21.21	22.5
20	16QAM	50	24	21.30	21.40	21.35	
20	16QAM	50	50	21.22	21.32	21.27	
20	16QAM	100	0	21.21	21.31	21.26	
20	64QAM	1	0	21.24	21.34	21.29	22.5
20	64QAM	1	49	20.80	20.90	20.86	
20	64QAM	1	99	21.22	21.32	21.27	
20	64QAM	50	0	20.26	20.36	20.32	21.5
20	64QAM	50	24	20.40	20.50	20.46	
20	64QAM	50	50	20.32	20.42	20.38	
20	64QAM	100	0	20.32	20.42	20.38	
20	256QAM	1	0	18.42	18.51	18.47	19.5
20	256QAM	1	49	18.04	18.13	18.09	
20	256QAM	1	99	18.40	18.49	18.45	
20	256QAM	50	0	17.58	17.66	17.62	19.5
20	256QAM	50	24	17.70	17.78	17.74	
20	256QAM	50	50	17.64	17.72	17.68	
20	256QAM	100	0	17.63	17.71	17.67	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.08	23.21	23.14	24.5
15	QPSK	1	37	22.60	22.72	22.62	
15	QPSK	1	74	23.05	23.12	23.11	
15	QPSK	36	0	22.00	22.12	22.08	23.5
15	QPSK	36	20	22.12	22.27	22.15	
15	QPSK	36	39	22.01	22.17	22.13	
15	QPSK	75	0	22.09	22.17	22.15	
15	16QAM	1	0	22.01	22.12	22.05	23.5
15	16QAM	1	37	21.52	21.67	21.62	
15	16QAM	1	74	22.00	22.09	22.04	
15	16QAM	36	0	21.00	21.16	21.09	22.5
15	16QAM	36	20	21.10	21.21	21.25	
15	16QAM	36	39	21.03	21.21	21.07	
15	16QAM	75	0	21.05	21.12	21.13	
15	64QAM	1	0	21.11	21.19	21.18	22.5
15	64QAM	1	37	20.63	20.71	20.71	
15	64QAM	1	74	21.09	21.22	21.15	
15	64QAM	36	0	20.10	20.24	20.16	21.5
15	64QAM	36	20	20.30	20.35	20.30	
15	64QAM	36	39	20.12	20.32	20.23	
15	64QAM	75	0	20.13	20.30	20.24	
15	256QAM	1	0	18.31	18.31	18.28	19.5
15	256QAM	1	37	17.90	17.96	17.90	
15	256QAM	1	74	18.25	18.34	18.30	
15	256QAM	36	0	17.54	17.54	17.53	19.5
15	256QAM	36	20	17.58	17.60	17.56	

15	256QAM	36	39	17.50	17.60	17.50	
15	256QAM	75	0	17.52	17.56	17.51	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.02	23.20	23.13	24.5
10	QPSK	1	25	22.52	22.71	22.64	
10	QPSK	1	49	23.06	23.14	23.13	
10	QPSK	25	0	21.94	22.11	22.08	23.5
10	QPSK	25	12	22.11	22.27	22.21	
10	QPSK	25	25	22.02	22.19	22.16	
10	QPSK	50	0	21.99	22.19	22.13	
10	16QAM	1	0	22.06	22.18	22.04	23.5
10	16QAM	1	25	21.61	21.71	21.66	
10	16QAM	1	49	22.01	22.16	22.08	
10	16QAM	25	0	21.02	21.11	21.11	22.5
10	16QAM	25	12	21.19	21.23	21.23	
10	16QAM	25	25	21.08	21.20	21.08	
10	16QAM	50	0	21.07	21.13	21.16	
10	64QAM	1	0	21.07	21.16	21.16	22.5
10	64QAM	1	25	20.69	20.76	20.75	
10	64QAM	1	49	21.08	21.20	21.11	
10	64QAM	25	0	20.15	20.20	20.17	21.5
10	64QAM	25	12	20.25	20.32	20.32	
10	64QAM	25	25	20.14	20.27	20.27	
10	64QAM	50	0	20.18	20.26	20.21	
10	256QAM	1	0	18.25	18.31	18.33	19.5
10	256QAM	1	25	17.87	18.00	17.92	
10	256QAM	1	49	18.28	18.38	18.34	
10	256QAM	25	0	17.50	17.55	17.54	19.5
10	256QAM	25	12	17.58	17.59	17.57	
10	256QAM	25	25	17.51	17.57	17.53	
10	256QAM	50	0	17.53	17.52	17.50	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	23.06	23.19	23.12	24.5
5	QPSK	1	12	22.54	22.64	22.67	
5	QPSK	1	24	23.01	23.11	23.06	
5	QPSK	12	0	21.95	22.11	22.03	23.5
5	QPSK	12	7	22.12	22.24	22.22	
5	QPSK	12	13	22.10	22.18	22.12	
5	QPSK	25	0	21.99	22.16	22.09	
5	16QAM	1	0	22.02	22.14	22.05	23.5
5	16QAM	1	12	21.59	21.67	21.65	
5	16QAM	1	24	22.01	22.08	22.04	
5	16QAM	12	0	21.05	21.06	21.08	22.5
5	16QAM	12	7	21.10	21.20	21.21	
5	16QAM	12	13	21.09	21.14	21.10	
5	16QAM	25	0	21.03	21.12	21.07	
5	64QAM	1	0	21.06	21.18	21.10	22.5
5	64QAM	1	12	20.64	20.75	20.69	
5	64QAM	1	24	21.09	21.17	21.08	
5	64QAM	12	0	20.14	20.24	20.21	21.5
5	64QAM	12	7	20.26	20.40	20.28	
5	64QAM	12	13	20.16	20.24	20.25	
5	64QAM	25	0	20.13	20.32	20.25	
5	256QAM	1	0	18.31	18.36	18.35	19.5
5	256QAM	1	12	17.86	17.93	17.97	
5	256QAM	1	24	18.27	18.36	18.25	
5	256QAM	12	0	17.53	17.54	17.54	19.5
5	256QAM	12	7	17.59	17.62	17.62	
5	256QAM	12	13	17.56	17.56	17.50	
5	256QAM	25	0	17.52	17.51	17.50	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	23.01	23.11	23.14	24.5
3	QPSK	1	8	22.56	22.68	22.60	
3	QPSK	1	14	23.04	23.12	23.11	
3	QPSK	8	0	21.98	22.10	22.06	23.5
3	QPSK	8	4	22.16	22.22	22.20	
3	QPSK	8	7	22.01	22.11	22.09	
3	QPSK	15	0	22.02	22.10	22.12	
3	16QAM	1	0	21.99	22.18	22.12	23.5
3	16QAM	1	8	21.59	21.63	21.64	
3	16QAM	1	14	22.05	22.11	22.08	
3	16QAM	8	0	20.99	21.11	21.10	22.5
3	16QAM	8	4	21.11	21.20	21.15	
3	16QAM	8	7	21.11	21.20	21.10	
3	16QAM	15	0	21.02	21.13	21.06	
3	64QAM	1	0	21.12	21.19	21.13	22.5
3	64QAM	1	8	20.63	20.78	20.76	
3	64QAM	1	14	21.05	21.19	21.09	
3	64QAM	8	0	20.14	20.19	20.17	21.5
3	64QAM	8	4	20.23	20.37	20.32	
3	64QAM	8	7	20.17	20.23	20.28	
3	64QAM	15	0	20.22	20.31	20.27	
3	256QAM	1	0	18.29	18.35	18.29	19.5
3	256QAM	1	8	17.93	18.03	17.90	
3	256QAM	1	14	18.30	18.38	18.26	
3	256QAM	8	0	17.50	17.57	17.54	19.5
3	256QAM	8	4	17.50	17.65	17.54	
3	256QAM	8	7	17.54	17.59	17.55	
3	256QAM	15	0	17.59	17.60	17.54	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.04	23.14	23.07	24.5
1.4	QPSK	1	3	22.55	22.68	22.59	
1.4	QPSK	1	5	23.00	23.10	23.14	
1.4	QPSK	3	0	22.84	23.01	22.93	
1.4	QPSK	3	1	22.55	22.51	22.53	
1.4	QPSK	3	3	22.85	23.00	22.94	
1.4	QPSK	6	0	22.05	22.14	22.13	23.5
1.4	16QAM	1	0	22.05	22.13	22.13	23.5
1.4	16QAM	1	3	21.55	21.63	21.59	
1.4	16QAM	1	5	22.00	22.06	22.09	
1.4	16QAM	3	0	21.95	22.02	22.02	
1.4	16QAM	3	1	21.59	21.51	21.56	
1.4	16QAM	3	3	21.90	21.91	21.93	
1.4	16QAM	6	0	21.09	21.20	21.08	22.5
1.4	64QAM	1	0	20.97	21.02	20.94	22.5
1.4	64QAM	1	3	20.56	20.65	20.63	
1.4	64QAM	1	5	20.91	21.06	20.90	
1.4	64QAM	3	0	20.98	21.04	21.02	
1.4	64QAM	3	1	20.53	20.68	20.61	
1.4	64QAM	3	3	20.95	21.07	20.90	
1.4	64QAM	6	0	20.14	20.23	20.27	21.5
1.4	256QAM	1	0	18.32	18.31	18.29	19.5
1.4	256QAM	1	3	17.90	18.00	17.98	
1.4	256QAM	1	5	18.29	18.29	18.30	
1.4	256QAM	3	0	18.30	18.20	18.33	
1.4	256QAM	3	1	17.50	17.63	17.54	
1.4	256QAM	3	3	17.50	17.55	17.53	
1.4	256QAM	6	0	17.52	17.55	17.51	19.5

<LTE Band 4_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.32	23.40	23.39	24.5
20	QPSK	1	49	23.34	23.33	23.36	
20	QPSK	1	99	23.18	23.17	23.22	
20	QPSK	50	0	22.37	22.37	22.37	23.5
20	QPSK	50	24	22.43	22.42	22.33	
20	QPSK	50	50	22.37	22.34	22.34	
20	QPSK	100	0	22.39	22.38	22.37	
20	16QAM	1	0	22.67	22.64	22.73	23.5
20	16QAM	1	49	22.71	22.63	22.61	
20	16QAM	1	99	22.58	22.42	22.54	
20	16QAM	50	0	21.40	21.40	21.41	22.5
20	16QAM	50	24	21.44	21.46	21.38	
20	16QAM	50	50	21.40	21.37	21.37	
20	16QAM	100	0	21.40	21.40	21.40	
20	64QAM	1	0	21.54	21.60	21.52	22.5
20	64QAM	1	49	21.58	21.62	21.55	
20	64QAM	1	99	21.45	21.40	21.40	
20	64QAM	50	0	20.39	20.38	20.40	21.5
20	64QAM	50	24	20.45	20.46	20.35	
20	64QAM	50	50	20.40	20.36	20.37	
20	64QAM	100	0	20.42	20.42	20.42	
20	256QAM	1	0	18.55	18.52	18.46	19.5
20	256QAM	1	49	18.48	18.48	18.43	
20	256QAM	1	99	18.35	18.37	18.41	
20	256QAM	50	0	18.27	18.28	18.25	19.5
20	256QAM	50	24	18.36	18.36	18.28	
20	256QAM	50	50	18.38	18.36	18.36	
20	256QAM	100	0	18.29	18.31	18.33	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.22	23.24	23.28	24.5
15	QPSK	1	37	23.16	23.20	23.22	
15	QPSK	1	74	23.02	23.05	23.04	
15	QPSK	36	0	22.23	22.21	22.22	23.5
15	QPSK	36	20	22.28	22.30	22.16	
15	QPSK	36	39	22.23	22.24	22.14	
15	QPSK	75	0	22.22	22.21	22.18	
15	16QAM	1	0	22.47	22.45	22.55	23.5
15	16QAM	1	37	22.59	22.45	22.51	
15	16QAM	1	74	22.47	22.26	22.38	
15	16QAM	36	0	21.22	21.25	21.31	22.5
15	16QAM	36	20	21.24	21.35	21.28	
15	16QAM	36	39	21.22	21.17	21.26	
15	16QAM	75	0	21.27	21.26	21.26	
15	64QAM	1	0	21.44	21.44	21.41	22.5
15	64QAM	1	37	21.41	21.52	21.45	
15	64QAM	1	74	21.27	21.20	21.24	
15	64QAM	36	0	20.27	20.18	20.20	21.5
15	64QAM	36	20	20.35	20.35	20.23	
15	64QAM	36	39	20.30	20.16	20.18	
15	64QAM	75	0	20.26	20.32	20.29	
15	256QAM	1	0	18.42	18.37	18.36	19.5
15	256QAM	1	37	18.32	18.35	18.31	
15	256QAM	1	74	18.16	18.18	18.31	
15	256QAM	36	0	18.09	18.12	18.12	19.5

15	256QAM	36	20	18.23	18.18	18.17	
15	256QAM	36	39	18.22	18.22	18.25	
15	256QAM	75	0	18.14	18.12	18.20	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	23.18	23.21	23.27	24.5
10	QPSK	1	25	23.16	23.20	23.19	
10	QPSK	1	49	23.08	22.99	23.03	
10	QPSK	25	0	22.26	22.25	22.22	23.5
10	QPSK	25	12	22.28	22.32	22.18	
10	QPSK	25	25	22.18	22.23	22.20	
10	QPSK	50	0	22.27	22.18	22.24	
10	16QAM	1	0	22.53	22.54	22.61	23.5
10	16QAM	1	25	22.61	22.46	22.49	
10	16QAM	1	49	22.42	22.31	22.42	
10	16QAM	25	0	21.27	21.29	21.22	22.5
10	16QAM	25	12	21.26	21.26	21.24	
10	16QAM	25	25	21.28	21.26	21.27	
10	16QAM	50	0	21.28	21.24	21.21	
10	64QAM	1	0	21.39	21.40	21.33	22.5
10	64QAM	1	25	21.43	21.44	21.39	
10	64QAM	1	49	21.34	21.27	21.20	
10	64QAM	25	0	20.29	20.26	20.30	21.5
10	64QAM	25	12	20.28	20.35	20.18	
10	64QAM	25	25	20.26	20.18	20.27	
10	64QAM	50	0	20.30	20.23	20.26	
10	256QAM	1	0	18.41	18.33	18.35	19.5
10	256QAM	1	25	18.35	18.31	18.26	
10	256QAM	1	49	18.17	18.18	18.21	
10	256QAM	25	0	18.16	18.14	18.15	19.5
10	256QAM	25	12	18.19	18.17	18.18	
10	256QAM	25	25	18.22	18.26	18.20	
10	256QAM	50	0	18.12	18.20	18.15	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	23.15	23.24	23.27	24.5
5	QPSK	1	12	23.22	23.18	23.26	
5	QPSK	1	24	23.08	23.04	23.07	
5	QPSK	12	0	22.26	22.19	22.19	23.5
5	QPSK	12	7	22.23	22.27	22.16	
5	QPSK	12	13	22.20	22.20	22.16	
5	QPSK	25	0	22.19	22.21	22.24	
5	16QAM	1	0	22.57	22.46	22.54	23.5
5	16QAM	1	12	22.53	22.50	22.45	
5	16QAM	1	24	22.40	22.25	22.35	
5	16QAM	12	0	21.26	21.24	21.24	22.5
5	16QAM	12	7	21.26	21.33	21.26	
5	16QAM	12	13	21.24	21.25	21.26	
5	16QAM	25	0	21.20	21.25	21.20	
5	64QAM	1	0	21.40	21.44	21.32	22.5
5	64QAM	1	12	21.44	21.50	21.40	
5	64QAM	1	24	21.25	21.26	21.26	
5	64QAM	12	0	20.20	20.26	20.23	21.5
5	64QAM	12	7	20.29	20.32	20.15	
5	64QAM	12	13	20.21	20.25	20.22	
5	64QAM	25	0	20.26	20.31	20.28	
5	256QAM	1	0	18.36	18.40	18.36	19.5
5	256QAM	1	12	18.30	18.31	18.32	
5	256QAM	1	24	18.16	18.20	18.30	
5	256QAM	12	0	18.17	18.09	18.12	19.5
5	256QAM	12	7	18.24	18.26	18.12	
5	256QAM	12	13	18.27	18.23	18.21	
5	256QAM	25	0	18.18	18.16	18.21	

Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	23.12	23.23	23.29	24.5
3	QPSK	1	8	23.23	23.15	23.22	
3	QPSK	1	14	22.98	23.02	23.04	
3	QPSK	8	0	22.23	22.19	22.23	23.5
3	QPSK	8	4	22.32	22.32	22.23	
3	QPSK	8	7	22.26	22.22	22.22	
3	QPSK	15	0	22.27	22.20	22.26	
3	16QAM	1	0	22.55	22.50	22.53	23.5
3	16QAM	1	8	22.51	22.43	22.47	
3	16QAM	1	14	22.46	22.28	22.39	
3	16QAM	8	0	21.23	21.25	21.28	22.5
3	16QAM	8	4	21.31	21.36	21.28	
3	16QAM	8	7	21.28	21.21	21.27	
3	16QAM	15	0	21.24	21.21	21.25	
3	64QAM	1	0	21.37	21.43	21.38	22.5
3	64QAM	1	8	21.40	21.52	21.40	
3	64QAM	1	14	21.25	21.27	21.29	
3	64QAM	8	0	20.29	20.18	20.26	21.5
3	64QAM	8	4	20.29	20.26	20.24	
3	64QAM	8	7	20.30	20.26	20.17	
3	64QAM	15	0	20.29	20.25	20.31	
3	256QAM	1	0	18.36	18.42	18.36	19.5
3	256QAM	1	8	18.30	18.32	18.32	
3	256QAM	1	14	18.19	18.19	18.23	
3	256QAM	8	0	18.14	18.16	18.11	19.5
3	256QAM	8	4	18.21	18.22	18.18	
3	256QAM	8	7	18.21	18.19	18.19	
3	256QAM	15	0	18.09	18.16	18.18	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.32	23.35	23.33	24.5
1.4	QPSK	1	3	23.30	23.34	23.33	
1.4	QPSK	1	5	23.30	23.31	23.33	
1.4	QPSK	3	0	23.32	23.32	23.35	
1.4	QPSK	3	1	23.32	23.30	23.35	
1.4	QPSK	3	3	23.30	23.30	23.35	
1.4	QPSK	6	0	22.36	22.36	22.37	23.5
1.4	16QAM	1	0	22.59	22.66	22.66	23.5
1.4	16QAM	1	3	22.70	22.67	22.73	
1.4	16QAM	1	5	22.57	22.62	22.67	
1.4	16QAM	3	0	22.49	22.47	22.48	
1.4	16QAM	3	1	22.48	22.51	22.47	
1.4	16QAM	3	3	22.45	22.48	22.51	
1.4	16QAM	6	0	21.45	21.45	21.45	22.5
1.4	64QAM	1	0	21.60	21.57	21.66	22.5
1.4	64QAM	1	3	21.59	21.57	21.68	
1.4	64QAM	1	5	21.58	21.58	21.65	
1.4	64QAM	3	0	21.57	21.49	21.52	
1.4	64QAM	3	1	21.49	21.49	21.51	
1.4	64QAM	3	3	21.47	21.51	21.53	
1.4	64QAM	6	0	20.41	20.42	20.43	21.5
1.4	256QAM	1	0	18.37	18.34	18.28	19.5
1.4	256QAM	1	3	18.37	18.37	18.32	
1.4	256QAM	1	5	18.24	18.18	18.24	
1.4	256QAM	3	0	18.14	18.18	18.11	
1.4	256QAM	3	1	18.17	18.26	18.15	
1.4	256QAM	3	3	18.25	18.25	18.24	
1.4	256QAM	6	0	18.16	18.16	18.17	19.5

<LTE Band 4_Ant MIMO2_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.85	23.99	23.84	24.5
20	QPSK	1	49	23.43	23.57	23.42	
20	QPSK	1	99	23.46	23.60	23.45	
20	QPSK	50	0	22.40	22.53	22.39	23.5
20	QPSK	50	24	22.48	22.61	22.47	
20	QPSK	50	50	22.38	22.51	22.37	
20	QPSK	100	0	22.43	22.56	22.42	
20	16QAM	1	0	22.14	22.27	22.13	23.5
20	16QAM	1	49	21.75	21.88	21.74	
20	16QAM	1	99	21.78	21.91	21.77	
20	16QAM	50	0	20.79	20.91	20.78	22.5
20	16QAM	50	24	20.87	20.99	20.86	
20	16QAM	50	50	20.78	20.90	20.77	
20	16QAM	100	0	20.82	20.94	20.81	
20	64QAM	1	0	20.89	21.01	20.88	22.5
20	64QAM	1	49	20.52	20.64	20.51	
20	64QAM	1	99	20.55	20.67	20.54	
20	64QAM	50	0	19.61	19.73	19.61	21.5
20	64QAM	50	24	19.68	19.80	19.68	
20	64QAM	50	50	19.59	19.71	19.59	
20	64QAM	100	0	19.64	19.76	19.64	
20	256QAM	1	0	18.01	18.12	18.01	19.5
20	256QAM	1	49	17.70	17.80	17.69	
20	256QAM	1	99	17.73	17.83	17.72	
20	256QAM	50	0	17.52	17.62	17.51	19.5
20	256QAM	50	24	17.58	17.68	17.57	
20	256QAM	50	50	17.89	18.00	17.89	
20	256QAM	100	0	17.54	17.64	17.53	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.72	23.82	23.74	24.5
15	QPSK	1	37	23.33	23.47	23.29	
15	QPSK	1	74	23.33	23.40	23.29	
15	QPSK	36	0	22.26	22.42	22.21	23.5
15	QPSK	36	20	22.37	22.47	22.32	
15	QPSK	36	39	22.22	22.37	22.26	
15	QPSK	75	0	22.26	22.39	22.29	
15	16QAM	1	0	21.99	22.15	21.99	23.5
15	16QAM	1	37	21.64	21.72	21.63	
15	16QAM	1	74	21.63	21.74	21.60	
15	16QAM	36	0	20.69	20.78	20.59	22.5
15	16QAM	36	20	20.74	20.83	20.73	
15	16QAM	36	39	20.66	20.80	20.63	
15	16QAM	75	0	20.70	20.82	20.65	
15	64QAM	1	0	20.70	20.89	20.78	22.5
15	64QAM	1	37	20.54	20.69	20.62	
15	64QAM	1	74	20.55	20.54	20.66	
15	64QAM	36	0	19.55	19.53	19.57	21.5
15	64QAM	36	20	19.58	19.65	19.52	
15	64QAM	36	39	19.52	19.56	19.59	
15	64QAM	75	0	19.52	19.57	19.54	
15	256QAM	1	0	17.82	17.95	17.81	19.5
15	256QAM	1	37	17.60	17.67	17.50	
15	256QAM	1	74	17.58	17.73	17.56	
15	256QAM	36	0	17.60	17.68	17.54	19.5
15	256QAM	36	20	17.60	17.58	17.52	

15	256QAM	36	39	17.69	17.89	17.73	
15	256QAM	75	0	17.51	17.64	17.55	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	23.67	23.79	23.73	24.5
10	QPSK	1	25	23.27	23.38	23.27	
10	QPSK	1	49	23.31	23.46	23.25	
10	QPSK	25	0	22.30	22.37	22.27	23.5
10	QPSK	25	12	22.31	22.49	22.36	
10	QPSK	25	25	22.22	22.35	22.20	
10	QPSK	50	0	22.23	22.37	22.23	
10	16QAM	1	0	21.97	22.16	21.98	23.5
10	16QAM	1	25	21.59	21.74	21.59	
10	16QAM	1	49	21.66	21.78	21.64	
10	16QAM	25	0	20.65	20.75	20.62	22.5
10	16QAM	25	12	20.77	20.79	20.76	
10	16QAM	25	25	20.67	20.71	20.57	
10	16QAM	50	0	20.70	20.77	20.66	
10	64QAM	1	0	20.76	20.83	20.71	22.5
10	64QAM	1	25	20.58	20.52	20.54	
10	64QAM	1	49	20.61	20.69	20.54	
10	64QAM	25	0	19.54	19.58	19.55	21.5
10	64QAM	25	12	19.51	19.60	19.58	
10	64QAM	25	25	19.56	19.58	19.56	
10	64QAM	50	0	19.51	19.63	19.59	
10	256QAM	1	0	17.84	18.02	17.90	19.5
10	256QAM	1	25	17.60	17.65	17.54	
10	256QAM	1	49	17.61	17.69	17.61	
10	256QAM	25	0	17.60	17.65	17.60	19.5
10	256QAM	25	12	17.61	17.58	17.58	
10	256QAM	25	25	17.76	17.88	17.76	
10	256QAM	50	0	17.57	17.54	17.61	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	23.74	23.85	23.65	24.5
5	QPSK	1	12	23.25	23.37	23.26	
5	QPSK	1	24	23.34	23.46	23.28	
5	QPSK	12	0	22.22	22.40	22.28	23.5
5	QPSK	12	7	22.30	22.51	22.36	
5	QPSK	12	13	22.28	22.41	22.23	
5	QPSK	25	0	22.26	22.37	22.30	
5	16QAM	1	0	22.04	22.16	21.99	23.5
5	16QAM	1	12	21.65	21.73	21.58	
5	16QAM	1	24	21.63	21.77	21.67	
5	16QAM	12	0	20.68	20.80	20.61	22.5
5	16QAM	12	7	20.71	20.84	20.66	
5	16QAM	12	13	20.63	20.79	20.64	
5	16QAM	25	0	20.72	20.76	20.68	
5	64QAM	1	0	20.72	20.87	20.76	22.5
5	64QAM	1	12	20.53	20.54	20.52	
5	64QAM	1	24	20.50	20.57	20.55	
5	64QAM	12	0	19.54	19.54	19.53	21.5
5	64QAM	12	7	19.51	19.60	19.58	
5	64QAM	12	13	19.50	19.54	19.51	
5	64QAM	25	0	19.50	19.66	19.55	
5	256QAM	1	0	17.87	17.98	17.83	19.5
5	256QAM	1	12	17.50	17.70	17.51	
5	256QAM	1	24	17.53	17.73	17.58	
5	256QAM	12	0	17.58	17.64	17.61	19.5
5	256QAM	12	7	17.54	17.56	17.53	
5	256QAM	12	13	17.75	17.87	17.78	
5	256QAM	25	0	17.62	17.65	17.63	
Channel				19965	20175	20385	Tune-up limit

Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	23.67	23.88	23.70	24.5
3	QPSK	1	8	23.25	23.40	23.28	
3	QPSK	1	14	23.31	23.45	23.32	
3	QPSK	8	0	22.29	22.38	22.24	23.5
3	QPSK	8	4	22.33	22.43	22.35	
3	QPSK	8	7	22.22	22.38	22.19	
3	QPSK	15	0	22.26	22.45	22.25	
3	16QAM	1	0	21.99	22.17	22.02	23.5
3	16QAM	1	8	21.64	21.75	21.57	
3	16QAM	1	14	21.63	21.78	21.57	
3	16QAM	8	0	20.60	20.72	20.64	22.5
3	16QAM	8	4	20.71	20.86	20.69	
3	16QAM	8	7	20.68	20.77	20.57	
3	16QAM	15	0	20.71	20.84	20.68	
3	64QAM	1	0	20.79	20.88	20.75	22.5
3	64QAM	1	8	20.50	20.50	20.52	
3	64QAM	1	14	20.55	20.50	20.52	
3	64QAM	8	0	19.59	19.58	19.54	21.5
3	64QAM	8	4	19.56	19.70	19.68	
3	64QAM	8	7	19.54	19.51	19.68	
3	64QAM	15	0	19.52	19.64	19.53	
3	256QAM	1	0	17.82	17.99	17.86	19.5
3	256QAM	1	8	17.52	17.61	17.50	
3	256QAM	1	14	17.62	17.70	17.57	
3	256QAM	8	0	17.56	17.62	17.53	19.5
3	256QAM	8	4	17.52	17.56	17.52	
3	256QAM	8	7	17.70	17.87	17.75	
3	256QAM	15	0	17.64	17.74	17.60	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.68	23.89	23.74	24.5
1.4	QPSK	1	3	23.31	23.43	23.32	
1.4	QPSK	1	5	23.28	23.42	23.25	
1.4	QPSK	3	0	23.54	23.74	23.61	
1.4	QPSK	3	1	23.13	23.33	23.22	
1.4	QPSK	3	3	23.10	23.32	23.14	
1.4	QPSK	6	0	22.26	22.43	22.22	23.5
1.4	16QAM	1	0	21.95	22.11	21.97	23.5
1.4	16QAM	1	3	21.58	21.78	21.57	
1.4	16QAM	1	5	21.60	21.76	21.64	
1.4	16QAM	3	0	21.76	21.99	21.87	
1.4	16QAM	3	1	21.50	21.60	21.51	
1.4	16QAM	3	3	21.52	21.65	21.59	
1.4	16QAM	6	0	20.64	20.79	20.64	22.5
1.4	64QAM	1	0	20.77	20.89	20.69	22.5
1.4	64QAM	1	3	20.69	20.74	20.61	
1.4	64QAM	1	5	20.66	20.62	20.64	
1.4	64QAM	3	0	20.63	20.69	20.58	
1.4	64QAM	3	1	20.55	20.56	20.55	
1.4	64QAM	3	3	20.53	20.50	20.59	
1.4	64QAM	6	0	19.54	19.56	19.50	21.5
1.4	256QAM	1	0	17.90	18.01	17.81	19.5
1.4	256QAM	1	3	17.52	17.69	17.59	
1.4	256QAM	1	5	17.61	17.70	17.52	
1.4	256QAM	3	0	17.50	17.50	17.52	
1.4	256QAM	3	1	17.53	17.53	17.51	
1.4	256QAM	3	3	17.75	17.82	17.72	
1.4	256QAM	6	0	17.51	17.53	17.50	19.5

<LTE Band 5_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.53	23.58	23.49	24.5
10	QPSK	1	25	23.52	23.56	23.47	
10	QPSK	1	49	23.44	23.47	23.43	
10	QPSK	25	0	22.61	22.62	22.60	23.5
10	QPSK	25	12	22.61	22.61	22.59	
10	QPSK	25	25	22.52	22.58	22.54	
10	QPSK	50	0	22.54	22.58	22.54	
10	16QAM	1	0	22.80	22.81	22.78	23.5
10	16QAM	1	25	22.82	22.83	22.83	
10	16QAM	1	49	22.71	22.74	22.72	
10	16QAM	25	0	21.58	21.58	21.54	22.5
10	16QAM	25	12	21.62	21.65	21.62	
10	16QAM	25	25	21.59	21.63	21.59	
10	16QAM	50	0	21.59	21.62	21.56	
10	64QAM	1	0	21.67	21.75	21.72	22.5
10	64QAM	1	25	21.70	21.78	21.72	
10	64QAM	1	49	21.65	21.72	21.61	
10	64QAM	25	0	20.56	20.56	20.51	21.5
10	64QAM	25	12	20.64	20.65	20.62	
10	64QAM	25	25	20.58	20.63	20.58	
10	64QAM	50	0	20.60	20.60	20.59	
10	256QAM	1	0	19.10	19.20	19.15	19.5
10	256QAM	1	25	19.06	18.97	18.96	
10	256QAM	1	49	18.87	18.98	18.84	
10	256QAM	25	0	18.86	18.89	18.88	19.5
10	256QAM	25	12	18.92	18.95	19.00	
10	256QAM	25	25	18.91	18.90	18.89	
10	256QAM	50	0	18.92	18.94	19.09	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.39	23.39	23.36	24.5
5	QPSK	1	12	23.39	23.44	23.36	
5	QPSK	1	24	23.28	23.36	23.23	
5	QPSK	12	0	22.49	22.44	22.48	23.5
5	QPSK	12	7	22.47	22.51	22.43	
5	QPSK	12	13	22.32	22.44	22.41	
5	QPSK	25	0	22.39	22.47	22.42	
5	16QAM	1	0	22.69	22.70	22.60	23.5
5	16QAM	1	12	22.68	22.68	22.63	
5	16QAM	1	24	22.58	22.56	22.61	
5	16QAM	12	0	21.46	21.43	21.41	22.5
5	16QAM	12	7	21.43	21.45	21.51	
5	16QAM	12	13	21.47	21.44	21.42	
5	16QAM	25	0	21.39	21.43	21.39	
5	64QAM	1	0	21.49	21.56	21.58	22.5
5	64QAM	1	12	21.60	21.62	21.52	
5	64QAM	1	24	21.46	21.57	21.41	
5	64QAM	12	0	20.41	20.37	20.37	21.5
5	64QAM	12	7	20.52	20.54	20.43	
5	64QAM	12	13	20.44	20.53	20.48	
5	64QAM	25	0	20.41	20.48	20.49	
5	256QAM	1	0	18.92	19.01	18.99	19.5
5	256QAM	1	12	18.94	18.80	18.76	
5	256QAM	1	24	18.72	18.80	18.72	
5	256QAM	12	0	18.67	18.76	18.71	19.5

5	256QAM	12	7	18.76	18.75	18.90	
5	256QAM	12	13	18.73	18.79	18.70	
5	256QAM	25	0	18.73	18.81	18.92	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.43	23.38	23.33	24.5
3	QPSK	1	8	23.38	23.44	23.37	
3	QPSK	1	14	23.29	23.31	23.25	
3	QPSK	8	0	22.47	22.51	22.47	23.5
3	QPSK	8	4	22.50	22.42	22.46	
3	QPSK	8	7	22.40	22.40	22.34	
3	QPSK	15	0	22.44	22.42	22.36	
3	16QAM	1	0	22.63	22.64	22.63	23.5
3	16QAM	1	8	22.64	22.66	22.72	
3	16QAM	1	14	22.55	22.58	22.62	
3	16QAM	8	0	21.48	21.42	21.44	22.5
3	16QAM	8	4	21.45	21.49	21.43	
3	16QAM	8	7	21.48	21.52	21.44	
3	16QAM	15	0	21.44	21.51	21.40	
3	64QAM	1	0	21.48	21.64	21.56	22.5
3	64QAM	1	8	21.53	21.61	21.57	
3	64QAM	1	14	21.50	21.61	21.44	
3	64QAM	8	0	20.44	20.40	20.34	21.5
3	64QAM	8	4	20.48	20.50	20.45	
3	64QAM	8	7	20.46	20.50	20.44	
3	64QAM	15	0	20.49	20.48	20.39	
3	256QAM	1	0	18.94	19.10	18.97	19.5
3	256QAM	1	8	18.96	18.78	18.86	
3	256QAM	1	14	18.68	18.85	18.66	
3	256QAM	8	0	18.66	18.72	18.78	19.5
3	256QAM	8	4	18.76	18.80	18.88	
3	256QAM	8	7	18.79	18.72	18.72	
3	256QAM	15	0	18.79	18.78	18.96	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.44	23.44	23.43	24.5
1.4	QPSK	1	3	23.47	23.51	23.49	
1.4	QPSK	1	5	23.43	23.44	23.44	
1.4	QPSK	3	0	23.48	23.48	23.49	
1.4	QPSK	3	1	23.46	23.47	23.50	
1.4	QPSK	3	3	23.45	23.46	23.48	
1.4	QPSK	6	0	22.50	22.48	22.50	23.5
1.4	16QAM	1	0	22.76	22.79	22.78	23.5
1.4	16QAM	1	3	22.80	22.76	22.84	
1.4	16QAM	1	5	22.74	22.81	22.76	
1.4	16QAM	3	0	22.66	22.58	22.63	
1.4	16QAM	3	1	22.61	22.62	22.59	
1.4	16QAM	3	3	22.56	22.59	22.62	
1.4	16QAM	6	0	21.55	21.54	21.56	22.5
1.4	64QAM	1	0	21.62	21.66	21.76	22.5
1.4	64QAM	1	3	21.72	21.72	21.81	
1.4	64QAM	1	5	21.69	21.61	21.70	
1.4	64QAM	3	0	21.61	21.62	21.70	
1.4	64QAM	3	1	21.69	21.66	21.64	
1.4	64QAM	3	3	21.65	21.62	21.68	
1.4	64QAM	6	0	20.54	20.54	20.58	21.5
1.4	256QAM	1	0	18.96	19.07	18.95	19.5
1.4	256QAM	1	3	18.89	18.81	18.82	
1.4	256QAM	1	5	18.72	18.88	18.68	
1.4	256QAM	3	0	18.68	18.78	18.69	
1.4	256QAM	3	1	18.80	18.76	18.90	
1.4	256QAM	3	3	18.80	18.77	18.73	
1.4	256QAM	6	0	18.74	18.80	18.94	19.5

<LTE Band 7_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	22.88	23.14	22.86	24.5
20	QPSK	1	49	22.83	23.10	22.71	
20	QPSK	1	99	22.85	23.11	22.79	
20	QPSK	50	0	21.99	22.21	21.85	23.5
20	QPSK	50	24	21.96	22.19	21.82	
20	QPSK	50	50	21.89	22.10	21.76	
20	QPSK	100	0	21.92	22.17	21.79	
20	16QAM	1	0	22.15	22.41	21.96	23.5
20	16QAM	1	49	22.13	22.46	22.09	
20	16QAM	1	99	22.16	22.32	22.16	
20	16QAM	50	0	20.97	21.21	20.82	22.5
20	16QAM	50	24	20.96	21.23	20.85	
20	16QAM	50	50	20.90	21.13	20.80	
20	16QAM	100	0	20.97	21.22	20.83	
20	64QAM	1	0	21.06	21.29	21.07	22.5
20	64QAM	1	49	21.14	21.42	21.04	
20	64QAM	1	99	21.13	21.33	21.00	
20	64QAM	50	0	19.98	20.23	19.81	21.5
20	64QAM	50	24	19.99	20.25	19.88	
20	64QAM	50	50	19.91	20.16	19.81	
20	64QAM	100	0	19.98	20.22	19.85	
20	256QAM	1	0	18.56	18.52	18.53	19.5
20	256QAM	1	49	17.98	17.62	17.89	
20	256QAM	1	99	17.70	17.84	17.65	
20	256QAM	50	0	17.81	17.56	17.89	19.5
20	256QAM	50	24	17.84	17.53	17.80	
20	256QAM	50	50	17.69	17.75	17.69	
20	256QAM	100	0	17.72	17.60	17.77	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	22.71	23.01	22.73	24.5
15	QPSK	1	37	22.72	22.97	22.53	
15	QPSK	1	74	22.70	22.98	22.62	
15	QPSK	36	0	21.84	22.03	21.74	23.5
15	QPSK	36	20	21.84	22.09	21.71	
15	QPSK	36	39	21.76	21.98	21.65	
15	QPSK	75	0	21.82	22.05	21.64	
15	16QAM	1	0	21.99	22.22	21.82	23.5
15	16QAM	1	37	22.02	22.28	21.91	
15	16QAM	1	74	22.05	22.13	21.96	
15	16QAM	36	0	20.83	21.06	20.71	22.5
15	16QAM	36	20	20.80	21.12	20.67	
15	16QAM	36	39	20.80	21.00	20.62	
15	16QAM	75	0	20.85	21.12	20.67	
15	64QAM	1	0	20.92	21.19	20.91	22.5
15	64QAM	1	37	21.01	21.29	20.85	
15	64QAM	1	74	21.03	21.20	20.86	
15	64QAM	36	0	19.79	20.04	19.64	21.5
15	64QAM	36	20	19.83	20.15	19.72	
15	64QAM	36	39	19.72	19.99	19.70	
15	64QAM	75	0	19.81	20.08	19.74	
15	256QAM	1	0	18.37	18.35	18.39	19.5
15	256QAM	1	37	17.85	17.67	17.79	
15	256QAM	1	74	17.56	17.64	17.67	
15	256QAM	36	0	17.70	17.64	17.69	19.5

15	256QAM	36	20	17.68	17.59	17.68	
15	256QAM	36	39	17.50	17.55	17.57	
15	256QAM	75	0	17.55	17.51	17.65	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	22.71	23.04	22.66	24.5
10	QPSK	1	25	22.64	22.91	22.51	
10	QPSK	1	49	22.66	22.93	22.65	
10	QPSK	25	0	21.82	22.01	21.65	23.5
10	QPSK	25	12	21.83	22.03	21.69	
10	QPSK	25	25	21.71	21.92	21.61	
10	QPSK	50	0	21.79	22.05	21.60	
10	16QAM	1	0	22.00	22.31	21.79	23.5
10	16QAM	1	25	21.97	22.31	21.98	
10	16QAM	1	49	21.99	22.17	22.04	
10	16QAM	25	0	20.78	21.09	20.65	22.5
10	16QAM	25	12	20.84	21.04	20.69	
10	16QAM	25	25	20.72	21.00	20.68	
10	16QAM	50	0	20.79	21.05	20.71	
10	64QAM	1	0	20.87	21.14	20.97	22.5
10	64QAM	1	25	20.97	21.27	20.84	
10	64QAM	1	49	20.98	21.17	20.80	
10	64QAM	25	0	19.78	20.11	19.62	21.5
10	64QAM	25	12	19.85	20.12	19.73	
10	64QAM	25	25	19.76	20.06	19.61	
10	64QAM	50	0	19.82	20.04	19.75	
10	256QAM	1	0	18.36	18.41	18.41	19.5
10	256QAM	1	25	17.86	17.66	17.71	
10	256QAM	1	49	17.57	17.70	17.65	
10	256QAM	25	0	17.65	17.62	17.76	19.5
10	256QAM	25	12	17.72	17.60	17.67	
10	256QAM	25	25	17.50	17.62	17.55	
10	256QAM	50	0	17.60	17.52	17.60	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	22.77	22.95	22.69	24.5
5	QPSK	1	12	22.68	22.91	22.51	
5	QPSK	1	24	22.75	22.95	22.66	
5	QPSK	12	0	21.81	22.11	21.70	23.5
5	QPSK	12	7	21.79	22.02	21.62	
5	QPSK	12	13	21.79	21.98	21.60	
5	QPSK	25	0	21.76	22.06	21.63	
5	16QAM	1	0	22.01	22.31	21.77	23.5
5	16QAM	1	12	21.93	22.36	21.90	
5	16QAM	1	24	21.98	22.15	22.05	
5	16QAM	12	0	20.77	21.09	20.68	22.5
5	16QAM	12	7	20.78	21.11	20.71	
5	16QAM	12	13	20.76	20.98	20.66	
5	16QAM	25	0	20.85	21.02	20.65	
5	64QAM	1	0	20.94	21.14	20.91	22.5
5	64QAM	1	12	20.99	21.32	20.85	
5	64QAM	1	24	21.01	21.19	20.87	
5	64QAM	12	0	19.79	20.13	19.61	21.5
5	64QAM	12	7	19.86	20.07	19.74	
5	64QAM	12	13	19.74	20.04	19.65	
5	64QAM	25	0	19.84	20.06	19.74	
5	256QAM	1	0	18.43	18.39	18.41	19.5
5	256QAM	1	12	17.80	17.68	17.75	
5	256QAM	1	24	17.59	17.66	17.51	
5	256QAM	12	0	17.62	17.65	17.76	19.5
5	256QAM	12	7	17.68	17.55	17.62	
5	256QAM	12	13	17.69	17.64	17.50	
5	256QAM	25	0	17.53	17.51	17.62	

<LTE Band 7_Ant MIMO2_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.04	23.22	22.89	24.5
20	QPSK	1	49	23.02	23.20	22.87	
20	QPSK	1	99	22.94	23.12	22.79	
20	QPSK	50	0	21.95	22.12	21.81	23.5
20	QPSK	50	24	21.93	22.10	21.79	
20	QPSK	50	50	21.88	22.05	21.74	
20	QPSK	100	0	21.89	22.06	21.75	
20	16QAM	1	0	22.36	22.53	22.21	23.5
20	16QAM	1	49	22.34	22.51	22.19	
20	16QAM	1	99	22.26	22.43	22.11	
20	16QAM	50	0	21.29	21.46	21.16	22.5
20	16QAM	50	24	21.27	21.44	21.14	
20	16QAM	50	50	21.22	21.39	21.09	
20	16QAM	100	0	21.23	21.40	21.10	
20	64QAM	1	0	20.94	21.10	20.80	22.5
20	64QAM	1	49	20.92	21.08	20.78	
20	64QAM	1	99	20.85	21.01	20.71	
20	64QAM	50	0	19.94	20.10	19.81	21.5
20	64QAM	50	24	19.92	20.08	19.79	
20	64QAM	50	50	19.88	20.04	19.76	
20	64QAM	100	0	19.89	20.05	19.77	
20	256QAM	1	0	18.15	18.29	18.03	19.5
20	256QAM	1	49	18.13	18.27	18.01	
20	256QAM	1	99	18.07	18.21	17.95	
20	256QAM	50	0	17.98	18.12	17.86	19.5
20	256QAM	50	24	17.97	18.11	17.85	
20	256QAM	50	50	17.93	18.07	17.81	
20	256QAM	100	0	17.95	18.09	17.83	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	22.99	23.13	22.79	24.5
15	QPSK	1	37	22.94	23.15	22.77	
15	QPSK	1	74	22.85	23.04	22.69	
15	QPSK	36	0	21.86	22.07	21.76	23.5
15	QPSK	36	20	21.85	22.01	21.73	
15	QPSK	36	39	21.78	21.99	21.67	
15	QPSK	75	0	21.84	22.00	21.69	
15	16QAM	1	0	22.28	22.48	22.16	23.5
15	16QAM	1	37	22.29	22.44	22.09	
15	16QAM	1	74	22.16	22.34	22.05	
15	16QAM	36	0	21.20	21.38	21.09	22.5
15	16QAM	36	20	21.18	21.37	21.06	
15	16QAM	36	39	21.16	21.29	20.99	
15	16QAM	75	0	21.16	21.30	21.03	
15	64QAM	1	0	20.87	21.01	20.70	22.5
15	64QAM	1	37	20.86	20.99	20.70	
15	64QAM	1	74	20.79	20.91	20.63	
15	64QAM	36	0	19.84	20.04	19.72	21.5
15	64QAM	36	20	19.86	20.03	19.69	
15	64QAM	36	39	19.83	19.99	19.66	
15	64QAM	75	0	19.84	20.00	19.72	
15	256QAM	1	0	18.09	18.24	17.96	19.5
15	256QAM	1	37	18.03	18.18	17.93	
15	256QAM	1	74	17.98	18.13	17.89	
15	256QAM	36	0	17.92	18.06	17.81	19.5

15	256QAM	36	20	17.90	18.05	17.77	
15	256QAM	36	39	17.87	17.98	17.74	
15	256QAM	75	0	17.87	18.04	17.78	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	22.95	23.16	22.79	24.5
10	QPSK	1	25	22.96	23.10	22.77	
10	QPSK	1	49	22.85	23.03	22.73	
10	QPSK	25	0	21.89	22.07	21.71	23.5
10	QPSK	25	12	21.86	22.00	21.73	
10	QPSK	25	25	21.83	21.98	21.69	
10	QPSK	50	0	21.84	21.98	21.70	
10	16QAM	1	0	22.31	22.43	22.12	23.5
10	16QAM	1	25	22.25	22.41	22.12	
10	16QAM	1	49	22.17	22.38	22.03	
10	16QAM	25	0	21.24	21.41	21.08	22.5
10	16QAM	25	12	21.21	21.34	21.06	
10	16QAM	25	25	21.16	21.31	21.02	
10	16QAM	50	0	21.13	21.35	21.01	
10	64QAM	1	0	20.85	21.01	20.73	22.5
10	64QAM	1	25	20.87	21.02	20.70	
10	64QAM	1	49	20.79	20.94	20.64	
10	64QAM	25	0	19.84	20.04	19.71	21.5
10	64QAM	25	12	19.86	19.99	19.73	
10	64QAM	25	25	19.79	19.97	19.69	
10	64QAM	50	0	19.83	19.97	19.70	
10	256QAM	1	0	18.06	18.24	17.98	19.5
10	256QAM	1	25	18.06	18.22	17.95	
10	256QAM	1	49	17.99	18.13	17.88	
10	256QAM	25	0	17.88	18.07	17.78	19.5
10	256QAM	25	12	17.91	18.05	17.78	
10	256QAM	25	25	17.85	18.01	17.72	
10	256QAM	50	0	17.86	18.02	17.78	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	22.95	23.17	22.84	24.5
5	QPSK	1	12	22.92	23.15	22.81	
5	QPSK	1	24	22.85	23.05	22.71	
5	QPSK	12	0	21.90	22.07	21.74	23.5
5	QPSK	12	7	21.85	22.05	21.69	
5	QPSK	12	13	21.80	21.95	21.69	
5	QPSK	25	0	21.81	21.99	21.67	
5	16QAM	1	0	22.29	22.48	22.13	23.5
5	16QAM	1	12	22.25	22.42	22.11	
5	16QAM	1	24	22.18	22.38	22.04	
5	16QAM	12	0	21.20	21.37	21.07	22.5
5	16QAM	12	7	21.17	21.35	21.08	
5	16QAM	12	13	21.16	21.32	21.04	
5	16QAM	25	0	21.15	21.31	21.05	
5	64QAM	1	0	20.84	21.02	20.71	22.5
5	64QAM	1	12	20.82	21.01	20.71	
5	64QAM	1	24	20.79	20.94	20.66	
5	64QAM	12	0	19.86	20.04	19.73	21.5
5	64QAM	12	7	19.84	19.98	19.70	
5	64QAM	12	13	19.82	19.96	19.68	
5	64QAM	25	0	19.84	19.97	19.70	
5	256QAM	1	0	18.08	18.19	17.94	19.5
5	256QAM	1	12	18.04	18.19	17.91	
5	256QAM	1	24	18.02	18.11	17.88	
5	256QAM	12	0	17.91	18.04	17.81	19.5
5	256QAM	12	7	17.91	18.01	17.78	
5	256QAM	12	13	17.86	18.00	17.74	
5	256QAM	25	0	17.86	18.04	17.75	

<LTE Band 12_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.72	23.75	23.74	24.5
10	QPSK	1	25	23.63	23.64	23.70	
10	QPSK	1	49	23.70	23.71	23.73	
10	QPSK	25	0	22.73	22.78	22.80	23.5
10	QPSK	25	12	22.72	22.76	22.77	
10	QPSK	25	25	22.75	22.77	22.75	
10	QPSK	50	0	22.71	22.73	22.70	
10	16QAM	1	0	22.87	22.87	22.91	23.5
10	16QAM	1	25	22.95	22.98	22.93	
10	16QAM	1	49	22.95	22.96	22.99	
10	16QAM	25	0	21.68	21.71	21.64	22.5
10	16QAM	25	12	21.80	21.81	21.79	
10	16QAM	25	25	21.78	21.75	21.78	
10	16QAM	50	0	21.73	21.76	21.74	
10	64QAM	1	0	21.80	21.82	21.87	22.5
10	64QAM	1	25	21.81	21.92	21.96	
10	64QAM	1	49	21.83	21.94	21.94	
10	64QAM	25	0	20.66	20.67	20.63	21.5
10	64QAM	25	12	20.77	20.81	20.77	
10	64QAM	25	25	20.76	20.79	20.78	
10	64QAM	50	0	20.75	20.74	20.76	
10	256QAM	1	0	19.00	19.02	18.91	19.5
10	256QAM	1	25	19.17	19.11	19.10	
10	256QAM	1	49	18.96	19.01	18.87	
10	256QAM	25	0	19.05	18.98	18.97	19.5
10	256QAM	25	12	19.13	19.09	19.01	
10	256QAM	25	25	19.08	19.03	19.04	
10	256QAM	50	0	19.05	19.04	18.98	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.58	23.62	23.61	24.5
5	QPSK	1	12	23.45	23.53	23.58	
5	QPSK	1	24	23.54	23.57	23.61	
5	QPSK	12	0	22.62	22.61	22.69	23.5
5	QPSK	12	7	22.56	22.58	22.60	
5	QPSK	12	13	22.60	22.60	22.57	
5	QPSK	25	0	22.59	22.57	22.52	
5	16QAM	1	0	22.73	22.71	22.76	23.5
5	16QAM	1	12	22.79	22.78	22.73	
5	16QAM	1	24	22.84	22.83	22.88	
5	16QAM	12	0	21.55	21.58	21.49	22.5
5	16QAM	12	7	21.62	21.65	21.68	
5	16QAM	12	13	21.60	21.55	21.63	
5	16QAM	25	0	21.53	21.66	21.55	
5	64QAM	1	0	21.67	21.63	21.71	22.5
5	64QAM	1	12	21.69	21.72	21.77	
5	64QAM	1	24	21.70	21.79	21.82	
5	64QAM	12	0	20.53	20.55	20.46	21.5
5	64QAM	12	7	20.61	20.68	20.66	
5	64QAM	12	13	20.59	20.61	20.61	
5	64QAM	25	0	20.55	20.56	20.64	
5	256QAM	1	0	18.85	18.82	18.80	19.5
5	256QAM	1	12	18.99	18.92	18.98	
5	256QAM	1	24	18.86	18.85	18.76	
5	256QAM	12	0	18.90	18.78	18.85	19.5

5	256QAM	12	7	18.95	18.90	18.87	
5	256QAM	12	13	18.94	18.83	18.87	
5	256QAM	25	0	18.89	18.91	18.86	
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	23.55	23.57	23.57	24.5
3	QPSK	1	8	23.51	23.48	23.52	
3	QPSK	1	14	23.60	23.56	23.63	
3	QPSK	8	0	22.56	22.66	22.70	23.5
3	QPSK	8	4	22.56	22.57	22.66	
3	QPSK	8	7	22.55	22.64	22.55	
3	QPSK	15	0	22.60	22.55	22.55	
3	16QAM	1	0	22.72	22.72	22.81	23.5
3	16QAM	1	8	22.75	22.79	22.77	
3	16QAM	1	14	22.83	22.79	22.86	
3	16QAM	8	0	21.53	21.58	21.51	22.5
3	16QAM	8	4	21.67	21.65	21.67	
3	16QAM	8	7	21.64	21.59	21.60	
3	16QAM	15	0	21.55	21.63	21.64	
3	64QAM	1	0	21.65	21.65	21.68	22.5
3	64QAM	1	8	21.69	21.81	21.82	
3	64QAM	1	14	21.72	21.75	21.80	
3	64QAM	8	0	20.55	20.49	20.44	21.5
3	64QAM	8	4	20.67	20.71	20.57	
3	64QAM	8	7	20.60	20.59	20.58	
3	64QAM	15	0	20.59	20.61	20.65	
3	256QAM	1	0	18.89	18.84	18.74	19.5
3	256QAM	1	8	19.01	18.94	18.91	
3	256QAM	1	14	18.83	18.90	18.71	
3	256QAM	8	0	18.90	18.81	18.87	19.5
3	256QAM	8	4	18.96	18.89	18.85	
3	256QAM	8	7	18.90	18.87	18.88	
3	256QAM	15	0	18.88	18.86	18.78	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	23.60	23.65	23.64	24.5
1.4	QPSK	1	3	23.63	23.68	23.69	
1.4	QPSK	1	5	23.61	23.66	23.63	
1.4	QPSK	3	0	23.61	23.66	23.63	
1.4	QPSK	3	1	23.63	23.68	23.65	
1.4	QPSK	3	3	23.61	23.66	23.63	
1.4	QPSK	6	0	22.67	22.69	22.65	23.5
1.4	16QAM	1	0	22.93	22.98	22.90	23.5
1.4	16QAM	1	3	22.97	23.03	23.01	
1.4	16QAM	1	5	22.95	22.95	22.88	
1.4	16QAM	3	0	22.73	22.78	22.76	
1.4	16QAM	3	1	22.79	22.84	22.79	
1.4	16QAM	3	3	22.76	22.81	22.75	
1.4	16QAM	6	0	21.72	21.77	21.74	22.5
1.4	64QAM	1	0	21.92	21.91	21.97	22.5
1.4	64QAM	1	3	21.92	21.94	21.88	
1.4	64QAM	1	5	21.89	21.90	21.84	
1.4	64QAM	3	0	21.78	21.82	21.77	
1.4	64QAM	3	1	21.83	21.87	21.81	
1.4	64QAM	3	3	21.72	21.82	21.82	
1.4	64QAM	6	0	20.73	20.76	20.72	21.5
1.4	256QAM	1	0	18.90	18.85	18.79	19.5
1.4	256QAM	1	3	18.98	18.91	18.96	
1.4	256QAM	1	5	18.79	18.85	18.72	
1.4	256QAM	3	0	18.93	18.83	18.85	
1.4	256QAM	3	1	18.93	18.98	18.86	
1.4	256QAM	3	3	18.91	18.93	18.90	
1.4	256QAM	6	0	18.85	18.93	18.85	19.5

<LTE Band 13_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		23.55		24.5
10	QPSK	1	25		23.54		
10	QPSK	1	49		23.53		
10	QPSK	25	0		22.62		23.5
10	QPSK	25	12		22.61		
10	QPSK	25	25		22.58		
10	QPSK	50	0		22.57		
10	16QAM	1	0		22.72		23.5
10	16QAM	1	25		22.84		
10	16QAM	1	49		22.81		
10	16QAM	25	0		21.57		22.5
10	16QAM	25	12		21.66		
10	16QAM	25	25		21.62		
10	16QAM	50	0		21.60		
10	64QAM	1	0		21.66		22.5
10	64QAM	1	25		21.70		
10	64QAM	1	49		21.73		
10	64QAM	25	0		20.53		21.5
10	64QAM	25	12		20.65		
10	64QAM	25	25		20.58		
10	64QAM	50	0		20.63		
10	256QAM	1	0		19.05		19.5
10	256QAM	1	25		19.03		
10	256QAM	1	49		18.95		
10	256QAM	25	0		18.86		19.5
10	256QAM	25	12		18.99		
10	256QAM	25	25		18.87		
10	256QAM	50	0		18.95		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	23.52	23.52	23.50	24.5
5	QPSK	1	12	23.54	23.54	23.50	
5	QPSK	1	24	23.50	23.50	23.49	
5	QPSK	12	0	22.50	22.53	22.53	23.5
5	QPSK	12	7	22.64	22.60	22.64	
5	QPSK	12	13	22.56	22.56	22.59	
5	QPSK	25	0	22.57	22.55	22.57	
5	16QAM	1	0	23.01	22.92	22.98	23.5
5	16QAM	1	12	22.97	23.00	22.95	
5	16QAM	1	24	22.93	22.89	22.94	
5	16QAM	12	0	21.58	21.55	21.59	22.5
5	16QAM	12	7	21.68	21.66	21.70	
5	16QAM	12	13	21.60	21.62	21.62	
5	16QAM	25	0	21.58	21.58	21.60	
5	64QAM	1	0	21.88	21.78	21.85	22.5
5	64QAM	1	12	21.89	21.83	21.78	
5	64QAM	1	24	21.83	21.70	21.77	
5	64QAM	12	0	20.55	20.54	20.59	21.5
5	64QAM	12	7	20.66	20.67	20.71	
5	64QAM	12	13	20.61	20.62	20.62	
5	64QAM	25	0	20.61	20.60	20.60	
5	256QAM	1	0	19.00	19.03	19.01	19.5
5	256QAM	1	12	18.85	18.93	18.85	
5	256QAM	1	24	18.77	18.83	18.76	
5	256QAM	12	0	18.74	18.76	18.71	19.5

5	256QAM	12	7	18.79	18.82	18.84	
5	256QAM	12	13	18.76	18.67	18.76	
5	256QAM	25	0	18.77	18.85	18.81	

<LTE Band 14_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		23.60		24.5
10	QPSK	1	25		23.50		
10	QPSK	1	49		23.44		
10	QPSK	25	0		22.64		23.5
10	QPSK	25	12		22.58		
10	QPSK	25	25		22.53		
10	QPSK	50	0		22.55		
10	16QAM	1	0		22.85		23.5
10	16QAM	1	25		22.80		
10	16QAM	1	49		22.80		
10	16QAM	25	0		21.68		22.5
10	16QAM	25	12		21.66		
10	16QAM	25	25		21.60		
10	16QAM	50	0		21.60		
10	64QAM	1	0		21.77		22.5
10	64QAM	1	25		21.65		
10	64QAM	1	49		21.68		
10	64QAM	25	0		20.64		21.5
10	64QAM	25	12		20.63		
10	64QAM	25	25		20.57		
10	64QAM	50	0		20.61		
10	256QAM	1	0		19.06		19.5
10	256QAM	1	25		19.03		
10	256QAM	1	49		18.65		
10	256QAM	25	0		19.00		19.5
10	256QAM	25	12		18.98		
10	256QAM	25	25		18.78		
10	256QAM	50	0		18.94		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	23.53	23.56	23.51	24.5
5	QPSK	1	12	23.52	23.58	23.50	
5	QPSK	1	24	23.47	23.52	23.45	
5	QPSK	12	0	22.60	22.64	22.50	23.5
5	QPSK	12	7	22.60	22.66	22.51	
5	QPSK	12	13	22.53	22.60	22.54	
5	QPSK	25	0	22.53	22.61	22.46	
5	16QAM	1	0	23.01	22.98	22.93	23.5
5	16QAM	1	12	22.89	22.90	22.90	
5	16QAM	1	24	22.86	22.98	22.91	
5	16QAM	12	0	21.64	21.69	21.56	22.5
5	16QAM	12	7	21.66	21.69	21.56	
5	16QAM	12	13	21.59	21.66	21.59	
5	16QAM	25	0	21.57	21.65	21.48	
5	64QAM	1	0	21.83	21.79	21.67	22.5
5	64QAM	1	12	21.75	21.85	21.79	
5	64QAM	1	24	21.69	21.86	21.74	
5	64QAM	12	0	20.62	20.68	20.53	21.5
5	64QAM	12	7	20.64	20.70	20.54	
5	64QAM	12	13	20.59	20.62	20.58	
5	64QAM	25	0	20.57	20.64	20.50	
5	256QAM	1	0	19.02	19.04	19.00	19.5

5	256QAM	1	12	18.92	18.88	18.93	
5	256QAM	1	24	18.55	18.55	18.48	
5	256QAM	12	0	18.81	18.82	18.82	19.5
5	256QAM	12	7	18.87	18.81	18.81	
5	256QAM	12	13	18.59	18.66	18.62	
5	256QAM	25	0	18.76	18.84	18.83	

<LTE Band 17_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	23.70	23.74	23.69	24.5
10	QPSK	1	25	23.60	23.67	23.68	
10	QPSK	1	49	23.67	23.64	23.65	
10	QPSK	25	0	22.65	22.62	22.66	23.5
10	QPSK	25	12	22.78	22.72	22.71	
10	QPSK	25	25	22.77	22.76	22.77	
10	QPSK	50	0	22.66	22.65	22.65	
10	16QAM	1	0	22.82	22.85	22.80	23.5
10	16QAM	1	25	22.96	22.99	22.87	
10	16QAM	1	49	22.99	22.95	22.95	
10	16QAM	25	0	21.66	21.68	21.70	22.5
10	16QAM	25	12	21.83	21.72	21.72	
10	16QAM	25	25	21.81	21.82	21.81	
10	16QAM	50	0	21.70	21.69	21.67	
10	64QAM	1	0	21.74	21.80	21.78	22.5
10	64QAM	1	25	21.97	21.87	21.86	
10	64QAM	1	49	21.95	21.92	21.86	
10	64QAM	25	0	20.69	20.69	20.71	21.5
10	64QAM	25	12	20.83	20.74	20.74	
10	64QAM	25	25	20.84	20.82	20.82	
10	64QAM	50	0	20.73	20.69	20.69	
10	256QAM	1	0	19.12	19.01	19.00	19.5
10	256QAM	1	25	19.15	19.29	19.13	
10	256QAM	1	49	19.10	19.13	19.03	
10	256QAM	25	0	19.00	19.00	18.96	19.5
10	256QAM	25	12	19.14	19.02	19.04	
10	256QAM	25	25	19.08	19.07	19.04	
10	256QAM	50	0	18.97	19.01	18.97	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	23.59	23.63	23.50	24.5
5	QPSK	1	12	23.40	23.51	23.52	
5	QPSK	1	24	23.47	23.46	23.50	
5	QPSK	12	0	22.54	22.42	22.55	23.5
5	QPSK	12	7	22.66	22.62	22.55	
5	QPSK	12	13	22.57	22.62	22.62	
5	QPSK	25	0	22.55	22.50	22.55	
5	16QAM	1	0	22.65	22.70	22.62	23.5
5	16QAM	1	12	22.82	22.87	22.67	
5	16QAM	1	24	22.84	22.81	22.81	
5	16QAM	12	0	21.52	21.49	21.60	22.5
5	16QAM	12	7	21.67	21.56	21.53	
5	16QAM	12	13	21.65	21.65	21.65	
5	16QAM	25	0	21.60	21.56	21.55	
5	64QAM	1	0	21.55	21.63	21.58	22.5
5	64QAM	1	12	21.83	21.67	21.69	
5	64QAM	1	24	21.77	21.74	21.72	
5	64QAM	12	0	20.52	20.55	20.51	21.5
5	64QAM	12	7	20.66	20.59	20.56	

5	64QAM	12	13	20.73	20.64	20.70	
5	64QAM	25	0	20.53	20.50	20.55	
5	256QAM	1	0	18.92	18.84	18.86	19.5
5	256QAM	1	12	19.01	19.09	19.00	
5	256QAM	1	24	18.94	18.98	18.83	
5	256QAM	12	0	18.86	18.87	18.78	19.5
5	256QAM	12	7	19.03	18.88	18.90	
5	256QAM	12	13	18.88	18.91	18.86	
5	256QAM	25	0	18.84	18.84	18.82	

<LTE Band 25_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	23.40	23.51	23.41	24.5
20	QPSK	1	49	23.37	23.35	23.37	
20	QPSK	1	99	23.36	23.27	23.33	
20	QPSK	50	0	22.45	22.47	22.47	23.5
20	QPSK	50	24	22.43	22.46	22.46	
20	QPSK	50	50	22.41	22.39	22.42	
20	QPSK	100	0	22.39	22.50	22.44	
20	16QAM	1	0	22.69	22.65	22.70	23.5
20	16QAM	1	49	22.72	22.70	22.72	
20	16QAM	1	99	22.59	22.66	22.67	
20	16QAM	50	0	21.40	21.40	21.41	22.5
20	16QAM	50	24	21.46	21.47	21.49	
20	16QAM	50	50	21.40	21.40	21.47	
20	16QAM	100	0	21.43	21.40	21.45	
20	64QAM	1	0	21.60	21.60	21.62	22.5
20	64QAM	1	49	21.67	21.64	21.62	
20	64QAM	1	99	21.53	21.47	21.62	
20	64QAM	50	0	20.38	20.41	20.43	21.5
20	64QAM	50	24	20.45	20.46	20.49	
20	64QAM	50	50	20.42	20.41	20.44	
20	64QAM	100	0	20.42	20.40	20.46	
20	256QAM	1	0	18.66	18.68	18.64	19.5
20	256QAM	1	49	18.56	18.42	18.47	
20	256QAM	1	99	18.34	18.45	18.34	
20	256QAM	50	0	18.22	18.31	18.27	19.5
20	256QAM	50	24	18.38	18.36	18.39	
20	256QAM	50	50	18.33	18.32	18.34	
20	256QAM	100	0	18.34	18.34	18.32	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	23.21	23.36	23.30	24.5
15	QPSK	1	37	23.24	23.24	23.20	
15	QPSK	1	74	23.16	23.07	23.14	
15	QPSK	36	0	22.32	22.32	22.28	23.5
15	QPSK	36	20	22.29	22.29	22.26	
15	QPSK	36	39	22.21	22.24	22.26	
15	QPSK	75	0	22.21	22.39	22.30	
15	16QAM	1	0	22.54	22.54	22.54	23.5
15	16QAM	1	37	22.53	22.51	22.58	
15	16QAM	1	74	22.41	22.48	22.56	
15	16QAM	36	0	21.28	21.28	21.22	22.5
15	16QAM	36	20	21.33	21.30	21.31	
15	16QAM	36	39	21.25	21.29	21.27	
15	16QAM	75	0	21.32	21.28	21.27	
15	64QAM	1	0	21.44	21.49	21.42	22.5
15	64QAM	1	37	21.57	21.48	21.46	

15	64QAM	1	74	21.33	21.34	21.47	
15	64QAM	36	0	20.26	20.29	20.23	21.5
15	64QAM	36	20	20.35	20.35	20.36	
15	64QAM	36	39	20.28	20.28	20.32	
15	64QAM	75	0	20.22	20.20	20.26	
15	256QAM	1	0	18.54	18.49	18.47	19.5
15	256QAM	1	37	18.46	18.30	18.31	
15	256QAM	1	74	18.24	18.26	18.15	
15	256QAM	36	0	18.06	18.15	18.17	19.5
15	256QAM	36	20	18.25	18.17	18.29	
15	256QAM	36	39	18.19	18.12	18.20	
15	256QAM	75	0	18.21	18.18	18.14	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	23.21	23.36	23.31	24.5
10	QPSK	1	25	23.18	23.24	23.20	
10	QPSK	1	49	23.21	23.17	23.14	
10	QPSK	25	0	22.34	22.34	22.29	23.5
10	QPSK	25	12	22.28	22.34	22.33	
10	QPSK	25	25	22.26	22.23	22.23	
10	QPSK	50	0	22.26	22.32	22.24	
10	16QAM	1	0	22.52	22.55	22.58	23.5
10	16QAM	1	25	22.53	22.51	22.55	
10	16QAM	1	49	22.40	22.53	22.49	
10	16QAM	25	0	21.23	21.26	21.25	22.5
10	16QAM	25	12	21.28	21.31	21.34	
10	16QAM	25	25	21.22	21.26	21.30	
10	16QAM	50	0	21.23	21.28	21.34	
10	64QAM	1	0	21.46	21.42	21.43	22.5
10	64QAM	1	25	21.47	21.52	21.45	
10	64QAM	1	49	21.36	21.28	21.48	
10	64QAM	25	0	20.28	20.26	20.28	21.5
10	64QAM	25	12	20.27	20.27	20.36	
10	64QAM	25	25	20.27	20.25	20.33	
10	64QAM	50	0	20.30	20.29	20.35	
10	256QAM	1	0	18.55	18.56	18.54	19.5
10	256QAM	1	25	18.37	18.29	18.32	
10	256QAM	1	49	18.19	18.35	18.24	
10	256QAM	25	0	18.05	18.16	18.12	19.5
10	256QAM	25	12	18.19	18.21	18.24	
10	256QAM	25	25	18.22	18.21	18.19	
10	256QAM	50	0	18.23	18.23	18.19	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	23.24	23.32	23.25	24.5
5	QPSK	1	12	23.23	23.25	23.20	
5	QPSK	1	24	23.25	23.16	23.19	
5	QPSK	12	0	22.30	22.30	22.35	23.5
5	QPSK	12	7	22.23	22.35	22.31	
5	QPSK	12	13	22.26	22.20	22.32	
5	QPSK	25	0	22.29	22.34	22.24	
5	16QAM	1	0	22.51	22.47	22.53	23.5
5	16QAM	1	12	22.57	22.51	22.59	
5	16QAM	1	24	22.47	22.54	22.47	
5	16QAM	12	0	21.26	21.25	21.26	22.5
5	16QAM	12	7	21.28	21.33	21.31	
5	16QAM	12	13	21.23	21.24	21.34	
5	16QAM	25	0	21.23	21.22	21.33	
5	64QAM	1	0	21.45	21.43	21.48	22.5
5	64QAM	1	12	21.54	21.50	21.43	
5	64QAM	1	24	21.42	21.37	21.49	
5	64QAM	12	0	20.27	20.31	20.28	21.5
5	64QAM	12	7	20.35	20.36	20.33	

5	64QAM	12	13	20.26	20.21	20.26	
5	64QAM	25	0	20.26	20.25	20.32	
5	256QAM	1	0	18.52	18.56	18.46	19.5
5	256QAM	1	12	18.39	18.28	18.36	
5	256QAM	1	24	18.16	18.28	18.19	
5	256QAM	12	0	18.09	18.21	18.13	19.5
5	256QAM	12	7	18.24	18.26	18.26	
5	256QAM	12	13	18.19	18.12	18.16	
5	256QAM	25	0	18.22	18.24	18.22	
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	23.22	23.32	23.23	24.5
3	QPSK	1	8	23.26	23.24	23.26	
3	QPSK	1	14	23.21	23.13	23.16	
3	QPSK	8	0	22.28	22.33	22.37	23.5
3	QPSK	8	4	22.32	22.29	22.27	
3	QPSK	8	7	22.25	22.22	22.32	
3	QPSK	15	0	22.19	22.30	22.27	
3	16QAM	1	0	22.56	22.51	22.50	23.5
3	16QAM	1	8	22.62	22.59	22.57	
3	16QAM	1	14	22.42	22.52	22.50	
3	16QAM	8	0	21.25	21.27	21.22	22.5
3	16QAM	8	4	21.34	21.37	21.32	
3	16QAM	8	7	21.21	21.20	21.31	
3	16QAM	15	0	21.23	21.30	21.31	
3	64QAM	1	0	21.44	21.44	21.44	22.5
3	64QAM	1	8	21.57	21.54	21.42	
3	64QAM	1	14	21.42	21.32	21.43	
3	64QAM	8	0	20.23	20.31	20.30	21.5
3	64QAM	8	4	20.33	20.31	20.33	
3	64QAM	8	7	20.32	20.29	20.28	
3	64QAM	15	0	20.28	20.30	20.30	
3	256QAM	1	0	18.46	18.48	18.48	19.5
3	256QAM	1	8	18.39	18.28	18.30	
3	256QAM	1	14	18.19	18.27	18.22	
3	256QAM	8	0	18.07	18.15	18.07	19.5
3	256QAM	8	4	18.25	18.21	18.23	
3	256QAM	8	7	18.19	18.20	18.23	
3	256QAM	15	0	18.17	18.24	18.22	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	23.38	23.47	23.37	24.5
1.4	QPSK	1	3	23.35	23.31	23.35	
1.4	QPSK	1	5	23.33	23.23	23.29	
1.4	QPSK	3	0	22.61	22.65	22.64	
1.4	QPSK	3	1	22.61	22.63	22.62	
1.4	QPSK	3	3	22.58	22.55	22.58	
1.4	QPSK	6	0	22.37	22.47	22.41	23.5
1.4	16QAM	1	0	22.66	22.61	22.68	23.5
1.4	16QAM	1	3	22.70	22.66	22.68	
1.4	16QAM	1	5	22.55	22.64	22.64	
1.4	16QAM	3	0	21.56	21.56	21.57	
1.4	16QAM	3	1	21.63	21.65	21.65	
1.4	16QAM	3	3	21.58	21.57	21.65	
1.4	16QAM	6	0	21.39	21.36	21.43	22.5
1.4	64QAM	1	0	21.56	21.58	21.60	22.5
1.4	64QAM	1	3	21.63	21.62	21.58	
1.4	64QAM	1	5	21.50	21.44	21.58	
1.4	64QAM	3	0	20.54	20.58	20.59	
1.4	64QAM	3	1	20.63	20.64	20.67	
1.4	64QAM	3	3	20.60	20.58	20.60	
1.4	64QAM	6	0	20.40	20.37	20.43	21.5
1.4	256QAM	1	0	18.64	18.65	18.62	19.5

1.4	256QAM	1	3	18.54	18.39	18.43	
1.4	256QAM	1	5	18.30	18.41	18.30	
1.4	256QAM	3	0	18.18	18.28	18.25	
1.4	256QAM	3	1	18.34	18.32	18.36	
1.4	256QAM	3	3	18.30	18.30	18.30	
1.4	256QAM	6	0	18.32	18.32	18.30	19.5

<LTE Band 25_Ant MIMO2_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	23.31	23.53	23.32	24.5
20	QPSK	1	49	23.21	23.43	23.22	
20	QPSK	1	99	23.25	23.47	23.26	
20	QPSK	50	0	22.38	22.59	22.39	23.5
20	QPSK	50	24	22.34	22.55	22.35	
20	QPSK	50	50	22.29	22.50	22.30	
20	QPSK	100	0	22.32	22.53	22.33	
20	16QAM	1	0	22.44	22.65	22.45	23.5
20	16QAM	1	49	22.34	22.55	22.35	
20	16QAM	1	99	22.38	22.59	22.39	
20	16QAM	50	0	21.55	21.75	21.56	22.5
20	16QAM	50	24	21.51	21.71	21.52	
20	16QAM	50	50	21.46	21.66	21.47	
20	16QAM	100	0	21.49	21.69	21.50	
20	64QAM	1	0	21.29	21.49	21.30	22.5
20	64QAM	1	49	21.20	21.40	21.21	
20	64QAM	1	99	21.24	21.44	21.25	
20	64QAM	50	0	20.44	20.63	20.45	21.5
20	64QAM	50	24	20.40	20.59	20.41	
20	64QAM	50	50	20.36	20.55	20.37	
20	64QAM	100	0	20.39	20.58	20.40	
20	256QAM	1	0	18.46	18.63	18.46	19.5
20	256QAM	1	49	18.38	18.55	18.38	
20	256QAM	1	99	18.41	18.58	18.41	
20	256QAM	50	0	17.72	17.89	17.73	19.5
20	256QAM	50	24	17.68	17.85	17.69	
20	256QAM	50	50	17.64	17.81	17.65	
20	256QAM	100	0	17.67	17.84	17.68	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	23.15	23.35	23.12	24.5
15	QPSK	1	37	23.10	23.32	23.07	
15	QPSK	1	74	23.05	23.29	23.06	
15	QPSK	36	0	22.21	22.45	22.22	23.5
15	QPSK	36	20	22.24	22.40	22.16	
15	QPSK	36	39	22.13	22.34	22.16	
15	QPSK	75	0	22.19	22.41	22.21	
15	16QAM	1	0	22.32	22.52	22.26	23.5
15	16QAM	1	37	22.14	22.35	22.20	
15	16QAM	1	74	22.27	22.45	22.25	
15	16QAM	36	0	21.42	21.56	21.36	22.5
15	16QAM	36	20	21.35	21.56	21.39	
15	16QAM	36	39	21.33	21.49	21.31	
15	16QAM	75	0	21.29	21.49	21.32	
15	64QAM	1	0	21.10	21.35	21.12	22.5
15	64QAM	1	37	21.10	21.24	21.08	
15	64QAM	1	74	21.11	21.28	21.15	
15	64QAM	36	0	20.33	20.53	20.35	21.5
15	64QAM	36	20	20.26	20.43	20.25	

15	64QAM	36	39	20.18	20.38	20.21	
15	64QAM	75	0	20.23	20.46	20.29	
15	256QAM	1	0	18.35	18.43	18.29	19.5
15	256QAM	1	37	18.23	18.43	18.27	
15	256QAM	1	74	18.28	18.45	18.31	
15	256QAM	36	0	17.58	17.69	17.60	19.5
15	256QAM	36	20	17.58	17.70	17.55	
15	256QAM	36	39	17.50	17.64	17.53	
15	256QAM	75	0	17.55	17.66	17.55	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	23.15	23.37	23.12	24.5
10	QPSK	1	25	23.03	23.26	23.11	
10	QPSK	1	49	23.15	23.36	23.09	
10	QPSK	25	0	22.23	22.46	22.24	23.5
10	QPSK	25	12	22.22	22.45	22.17	
10	QPSK	25	25	22.12	22.34	22.14	
10	QPSK	50	0	22.17	22.33	22.16	
10	16QAM	1	0	22.28	22.55	22.25	23.5
10	16QAM	1	25	22.24	22.36	22.21	
10	16QAM	1	49	22.18	22.47	22.21	
10	16QAM	25	0	21.39	21.62	21.38	22.5
10	16QAM	25	12	21.41	21.57	21.39	
10	16QAM	25	25	21.26	21.54	21.36	
10	16QAM	50	0	21.37	21.51	21.30	
10	64QAM	1	0	21.14	21.30	21.14	22.5
10	64QAM	1	25	21.07	21.24	21.09	
10	64QAM	1	49	21.14	21.29	21.13	
10	64QAM	25	0	20.29	20.51	20.33	21.5
10	64QAM	25	12	20.20	20.44	20.21	
10	64QAM	25	25	20.21	20.37	20.24	
10	64QAM	50	0	20.24	20.42	20.21	
10	256QAM	1	0	18.27	18.52	18.31	19.5
10	256QAM	1	25	18.18	18.40	18.27	
10	256QAM	1	49	18.31	18.38	18.23	
10	256QAM	25	0	17.53	17.77	17.58	19.5
10	256QAM	25	12	17.56	17.71	17.51	
10	256QAM	25	25	17.67	17.70	17.65	
10	256QAM	50	0	17.58	17.69	17.53	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	23.21	23.40	23.22	24.5
5	QPSK	1	12	23.06	23.29	23.10	
5	QPSK	1	24	23.15	23.37	23.16	
5	QPSK	12	0	22.20	22.42	22.27	23.5
5	QPSK	12	7	22.19	22.43	22.24	
5	QPSK	12	13	22.14	22.33	22.14	
5	QPSK	25	0	22.18	22.38	22.21	
5	16QAM	1	0	22.33	22.54	22.32	23.5
5	16QAM	1	12	22.24	22.42	22.20	
5	16QAM	1	24	22.19	22.49	22.28	
5	16QAM	12	0	21.45	21.60	21.37	22.5
5	16QAM	12	7	21.33	21.51	21.34	
5	16QAM	12	13	21.26	21.51	21.34	
5	16QAM	25	0	21.32	21.56	21.38	
5	64QAM	1	0	21.14	21.32	21.20	22.5
5	64QAM	1	12	21.10	21.24	21.01	
5	64QAM	1	24	21.13	21.32	21.13	
5	64QAM	12	0	20.34	20.49	20.34	21.5
5	64QAM	12	7	20.20	20.40	20.30	
5	64QAM	12	13	20.20	20.44	20.21	
5	64QAM	25	0	20.27	20.45	20.28	
5	256QAM	1	0	18.33	18.44	18.29	19.5

5	256QAM	1	12	18.22	18.43	18.27	
5	256QAM	1	24	18.29	18.40	18.28	
5	256QAM	12	0	17.53	17.70	17.60	19.5
5	256QAM	12	7	17.51	17.74	17.54	
5	256QAM	12	13	17.54	17.61	17.54	
5	256QAM	25	0	17.57	17.64	17.51	
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	23.11	23.41	23.17	24.5
3	QPSK	1	8	23.02	23.31	23.02	
3	QPSK	1	14	23.12	23.36	23.16	
3	QPSK	8	0	22.23	22.45	22.20	23.5
3	QPSK	8	4	22.15	22.44	22.20	
3	QPSK	8	7	22.09	22.33	22.12	
3	QPSK	15	0	22.13	22.41	22.21	
3	16QAM	1	0	22.33	22.47	22.29	23.5
3	16QAM	1	8	22.16	22.43	22.17	
3	16QAM	1	14	22.28	22.44	22.22	
3	16QAM	8	0	21.38	21.60	21.46	22.5
3	16QAM	8	4	21.35	21.61	21.33	
3	16QAM	8	7	21.33	21.56	21.27	
3	16QAM	15	0	21.37	21.50	21.33	
3	64QAM	1	0	21.10	21.33	21.13	22.5
3	64QAM	1	8	21.05	21.30	21.08	
3	64QAM	1	14	21.08	21.25	21.07	
3	64QAM	8	0	20.30	20.52	20.26	21.5
3	64QAM	8	4	20.29	20.43	20.31	
3	64QAM	8	7	20.24	20.37	20.20	
3	64QAM	15	0	20.23	20.43	20.28	
3	256QAM	1	0	18.33	18.45	18.30	19.5
3	256QAM	1	8	18.20	18.40	18.18	
3	256QAM	1	14	18.22	18.43	18.30	
3	256QAM	8	0	17.58	17.75	17.63	19.5
3	256QAM	8	4	17.57	17.74	17.57	
3	256QAM	8	7	17.55	17.63	17.54	
3	256QAM	15	0	17.54	17.73	17.58	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	23.11	23.36	23.21	24.5
1.4	QPSK	1	3	23.05	23.28	23.11	
1.4	QPSK	1	5	23.09	23.28	23.10	
1.4	QPSK	3	0	22.92	23.26	23.05	
1.4	QPSK	3	1	22.86	23.14	22.91	
1.4	QPSK	3	3	22.90	23.09	23.00	
1.4	QPSK	6	0	22.15	22.34	22.13	23.5
1.4	16QAM	1	0	22.25	22.48	22.32	23.5
1.4	16QAM	1	3	22.16	22.44	22.20	
1.4	16QAM	1	5	22.26	22.39	22.29	
1.4	16QAM	3	0	22.05	22.30	22.14	
1.4	16QAM	3	1	21.97	22.30	22.01	
1.4	16QAM	3	3	22.09	22.27	22.15	
1.4	16QAM	6	0	21.39	21.49	21.31	22.5
1.4	64QAM	1	0	21.19	21.36	21.12	22.5
1.4	64QAM	1	3	21.07	21.20	21.05	
1.4	64QAM	1	5	21.14	21.33	21.06	
1.4	64QAM	3	0	21.09	21.21	21.01	
1.4	64QAM	3	1	20.92	21.09	20.90	
1.4	64QAM	3	3	21.04	21.21	20.91	
1.4	64QAM	6	0	20.21	20.46	20.24	21.5
1.4	256QAM	1	0	18.27	18.44	18.30	19.5
1.4	256QAM	1	3	18.22	18.38	18.19	
1.4	256QAM	1	5	18.31	18.44	18.21	
1.4	256QAM	3	0	17.62	17.71	17.58	

1.4	256QAM	3	1	17.55	17.73	17.50	
1.4	256QAM	3	3	17.52	17.64	17.57	
1.4	256QAM	6	0	17.55	17.66	17.52	19.5

<LTE Band 26_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	23.38	23.41	23.52	24.5
15	QPSK	1	37	23.43	23.42	23.50	
15	QPSK	1	74	23.44	23.40	23.47	
15	QPSK	36	0	22.37	22.45	22.45	23.5
15	QPSK	36	20	22.51	22.52	22.52	
15	QPSK	36	39	22.52	22.53	22.53	
15	QPSK	75	0	22.48	22.51	22.47	
15	16QAM	1	0	22.72	22.73	22.77	23.5
15	16QAM	1	37	22.81	22.78	22.78	
15	16QAM	1	74	22.77	22.72	22.81	
15	16QAM	36	0	21.39	21.46	21.45	22.5
15	16QAM	36	20	21.51	21.57	21.53	
15	16QAM	36	39	21.51	21.55	21.53	
15	16QAM	75	0	21.50	21.53	21.47	
15	64QAM	1	0	21.51	21.70	21.67	22.5
15	64QAM	1	37	21.73	21.71	21.70	
15	64QAM	1	74	21.75	21.72	21.72	
15	64QAM	36	0	20.37	20.45	20.45	21.5
15	64QAM	36	20	20.51	20.56	20.55	
15	64QAM	36	39	20.51	20.56	20.55	
15	64QAM	75	0	20.50	20.56	20.47	
15	256QAM	1	0	18.73	18.99	18.90	19.5
15	256QAM	1	37	18.76	18.93	18.85	
15	256QAM	1	74	18.97	18.96	19.02	
15	256QAM	36	0	18.75	18.78	18.81	19.5
15	256QAM	36	20	18.81	18.82	18.93	
15	256QAM	36	39	18.84	18.88	18.87	
15	256QAM	75	0	18.82	18.75	18.88	
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	23.27	23.21	23.34	24.5
10	QPSK	1	25	23.23	23.30	23.36	
10	QPSK	1	49	23.25	23.30	23.30	
10	QPSK	25	0	22.25	22.28	22.31	23.5
10	QPSK	25	12	22.34	22.42	22.38	
10	QPSK	25	25	22.34	22.39	22.33	
10	QPSK	50	0	22.31	22.35	22.28	
10	16QAM	1	0	22.53	22.58	22.61	23.5
10	16QAM	1	25	22.69	22.60	22.68	
10	16QAM	1	49	22.66	22.53	22.71	
10	16QAM	25	0	21.24	21.34	21.35	22.5
10	16QAM	25	12	21.33	21.42	21.34	
10	16QAM	25	25	21.36	21.35	21.38	
10	16QAM	50	0	21.32	21.36	21.29	
10	64QAM	1	0	21.37	21.54	21.48	22.5
10	64QAM	1	25	21.60	21.51	21.55	
10	64QAM	1	49	21.62	21.62	21.61	
10	64QAM	25	0	20.25	20.28	20.26	21.5
10	64QAM	25	12	20.41	20.40	20.45	
10	64QAM	25	25	20.35	20.36	20.36	
10	64QAM	50	0	20.35	20.39	20.34	
10	256QAM	1	0	18.54	18.87	18.73	19.5

10	256QAM	1	25	18.58	18.79	18.75	
10	256QAM	1	49	18.86	18.79	18.91	
10	256QAM	25	0	18.65	18.68	18.66	19.5
10	256QAM	25	12	18.62	18.68	18.76	
10	256QAM	25	25	18.70	18.69	18.71	
10	256QAM	50	0	18.67	18.56	18.72	
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	23.25	23.25	23.40	24.5
5	QPSK	1	12	23.31	23.32	23.36	
5	QPSK	1	24	23.31	23.26	23.29	
5	QPSK	12	0	22.26	22.31	22.30	23.5
5	QPSK	12	7	22.38	22.34	22.40	
5	QPSK	12	13	22.32	22.38	22.42	
5	QPSK	25	0	22.37	22.36	22.27	
5	16QAM	1	0	22.61	22.58	22.64	23.5
5	16QAM	1	12	22.68	22.60	22.68	
5	16QAM	1	24	22.61	22.57	22.64	
5	16QAM	12	0	21.22	21.27	21.34	22.5
5	16QAM	12	7	21.31	21.47	21.37	
5	16QAM	12	13	21.35	21.44	21.41	
5	16QAM	25	0	21.35	21.38	21.33	
5	64QAM	1	0	21.33	21.51	21.52	22.5
5	64QAM	1	12	21.61	21.52	21.57	
5	64QAM	1	24	21.55	21.54	21.55	
5	64QAM	12	0	20.20	20.32	20.31	21.5
5	64QAM	12	7	20.33	20.36	20.43	
5	64QAM	12	13	20.41	20.44	20.36	
5	64QAM	25	0	20.30	20.43	20.29	
5	256QAM	1	0	18.53	18.80	18.78	19.5
5	256QAM	1	12	18.63	18.73	18.65	
5	256QAM	1	24	18.81	18.76	18.87	
5	256QAM	12	0	18.55	18.63	18.66	19.5
5	256QAM	12	7	18.67	18.72	18.80	
5	256QAM	12	13	18.64	18.75	18.73	
5	256QAM	25	0	18.65	18.55	18.75	
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	23.18	23.21	23.32	24.5
3	QPSK	1	8	23.28	23.32	23.34	
3	QPSK	1	14	23.25	23.30	23.27	
3	QPSK	8	0	22.18	22.30	22.28	23.5
3	QPSK	8	4	22.38	22.40	22.34	
3	QPSK	8	7	22.38	22.43	22.38	
3	QPSK	15	0	22.36	22.36	22.35	
3	16QAM	1	0	22.60	22.56	22.66	23.5
3	16QAM	1	8	22.71	22.59	22.62	
3	16QAM	1	14	22.61	22.57	22.69	
3	16QAM	8	0	21.22	21.34	21.30	22.5
3	16QAM	8	4	21.36	21.38	21.41	
3	16QAM	8	7	21.36	21.44	21.40	
3	16QAM	15	0	21.33	21.36	21.37	
3	64QAM	1	0	21.37	21.55	21.51	22.5
3	64QAM	1	8	21.56	21.57	21.50	
3	64QAM	1	14	21.63	21.56	21.59	
3	64QAM	8	0	20.22	20.35	20.32	21.5
3	64QAM	8	4	20.39	20.41	20.39	
3	64QAM	8	7	20.39	20.41	20.39	
3	64QAM	15	0	20.32	20.41	20.34	
3	256QAM	1	0	18.60	18.88	18.71	19.5
3	256QAM	1	8	18.64	18.80	18.72	
3	256QAM	1	14	18.79	18.80	18.92	
3	256QAM	8	0	18.65	18.67	18.64	19.5

3	256QAM	8	4	18.67	18.70	18.79	
3	256QAM	8	7	18.71	18.78	18.69	
3	256QAM	15	0	18.70	18.65	18.75	
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	23.19	23.40	23.30	24.5
1.4	QPSK	1	3	23.32	23.22	23.40	
1.4	QPSK	1	5	23.28	23.29	23.30	
1.4	QPSK	3	0	22.58	22.61	22.62	
1.4	QPSK	3	1	22.62	22.66	22.66	
1.4	QPSK	3	3	22.65	22.67	22.67	
1.4	QPSK	6	0	22.36	22.40	22.36	23.5
1.4	16QAM	1	0	22.56	22.62	22.66	23.5
1.4	16QAM	1	3	22.61	22.64	22.64	
1.4	16QAM	1	5	22.66	22.60	22.69	
1.4	16QAM	3	0	21.57	21.56	21.60	
1.4	16QAM	3	1	21.62	21.75	21.67	
1.4	16QAM	3	3	21.63	21.73	21.69	
1.4	16QAM	6	0	21.39	21.42	21.32	22.5
1.4	64QAM	1	0	21.31	21.57	21.49	22.5
1.4	64QAM	1	3	21.54	21.56	21.54	
1.4	64QAM	1	5	21.56	21.56	21.53	
1.4	64QAM	3	0	20.50	20.55	20.61	
1.4	64QAM	3	1	20.69	20.75	20.65	
1.4	64QAM	3	3	20.62	20.68	20.69	
1.4	64QAM	6	0	20.38	20.41	20.35	21.5
1.4	256QAM	1	0	18.53	18.79	18.74	19.5
1.4	256QAM	1	3	18.57	18.73	18.65	
1.4	256QAM	1	5	18.80	18.77	18.90	
1.4	256QAM	3	0	18.63	18.65	18.61	
1.4	256QAM	3	1	18.70	18.65	18.79	
1.4	256QAM	3	3	18.69	18.73	18.72	
1.4	256QAM	6	0	18.69	18.57	18.78	19.5

<LTE Band 30_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		22.02		23
10	QPSK	1	25		21.96		
10	QPSK	1	49		21.90		
10	QPSK	25	0		20.98		22
10	QPSK	25	12		20.97		
10	QPSK	25	25		20.93		
10	QPSK	50	0		20.91		
10	16QAM	1	0		21.27		22
10	16QAM	1	25		21.23		
10	16QAM	1	49		21.21		
10	16QAM	25	0		20.01		21
10	16QAM	25	12		20.02		
10	16QAM	25	25		19.93		
10	16QAM	50	0		19.95		
10	64QAM	1	0		20.19		21
10	64QAM	1	25		20.25		
10	64QAM	1	49		20.08		
10	64QAM	25	0		18.98		20
10	64QAM	25	12		19.02		
10	64QAM	25	25		18.95		
10	64QAM	50	0		18.98		
10	256QAM	1	0		16.90		18
10	256QAM	1	25		16.89		
10	256QAM	1	49		16.69		
10	256QAM	25	0		16.79		18
10	256QAM	25	12		16.76		
10	256QAM	25	25		16.71		
10	256QAM	50	0		16.79		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	21.99	21.99	22.01	23
5	QPSK	1	12	21.99	22.01	22.01	
5	QPSK	1	24	21.97	21.92	21.97	
5	QPSK	12	0	21.08	20.95	21.01	22
5	QPSK	12	7	21.05	20.98	21.05	
5	QPSK	12	13	20.99	20.94	20.97	
5	QPSK	25	0	21.01	20.94	20.99	
5	16QAM	1	0	21.43	21.36	21.44	22
5	16QAM	1	12	21.41	21.40	21.37	
5	16QAM	1	24	21.39	21.39	21.41	
5	16QAM	12	0	20.08	20.04	20.11	21
5	16QAM	12	7	20.12	20.02	20.11	
5	16QAM	12	13	20.07	19.95	20.07	
5	16QAM	25	0	20.04	19.97	20.05	
5	64QAM	1	0	20.19	20.28	20.23	21
5	64QAM	1	12	20.27	20.30	20.25	
5	64QAM	1	24	20.24	20.27	20.31	
5	64QAM	12	0	19.10	19.02	19.06	20
5	64QAM	12	7	19.12	19.04	19.11	
5	64QAM	12	13	19.04	19.00	19.05	
5	64QAM	25	0	19.06	18.96	19.04	
5	256QAM	1	0	16.82	16.85	16.81	18
5	256QAM	1	12	16.74	16.72	16.76	
5	256QAM	1	24	16.59	16.49	16.55	
5	256QAM	12	0	16.64	16.63	16.62	18

5	256QAM	12	7	16.65	16.65	16.57	
5	256QAM	12	13	16.55	16.61	16.53	
5	256QAM	25	0	16.63	16.64	16.66	

<LTE Band 30_Ant MIMO2_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				27710			
Frequency (MHz)				2310			
10	QPSK	1	0		22.21		23
10	QPSK	1	25		22.16		
10	QPSK	1	49		22.13		
10	QPSK	25	0		21.38		22
10	QPSK	25	12		21.35		
10	QPSK	25	25		21.30		
10	QPSK	50	0		21.33		
10	16QAM	1	0		21.80		22
10	16QAM	1	25		21.75		
10	16QAM	1	49		21.72		
10	16QAM	25	0		20.99		21
10	16QAM	25	12		20.96		
10	16QAM	25	25		20.91		
10	16QAM	50	0		20.94		
10	64QAM	1	0		20.48		21
10	64QAM	1	25		20.43		
10	64QAM	1	49		20.41		
10	64QAM	25	0		19.71		20
10	64QAM	25	12		19.69		
10	64QAM	25	25		19.64		
10	64QAM	50	0		19.67		
10	256QAM	1	0		17.20		18
10	256QAM	1	25		17.16		
10	256QAM	1	49		17.14		
10	256QAM	25	0		16.56		18
10	256QAM	25	12		16.53		
10	256QAM	25	25		16.50		
10	256QAM	50	0		16.52		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	22.05	22.08	22.02	23
5	QPSK	1	12	22.00	22.05	21.97	
5	QPSK	1	24	22.03	22.03	22.01	
5	QPSK	12	0	21.21	21.19	21.18	22
5	QPSK	12	7	21.18	21.24	21.21	
5	QPSK	12	13	21.10	21.20	21.20	
5	QPSK	25	0	21.13	21.15	21.16	
5	16QAM	1	0	21.65	21.67	21.69	22
5	16QAM	1	12	21.61	21.55	21.64	
5	16QAM	1	24	21.56	21.58	21.56	
5	16QAM	12	0	20.81	20.88	20.79	21
5	16QAM	12	7	20.82	20.77	20.84	
5	16QAM	12	13	20.75	20.77	20.77	
5	16QAM	25	0	20.80	20.82	20.75	
5	64QAM	1	0	20.38	20.32	20.38	21
5	64QAM	1	12	20.24	20.30	20.33	
5	64QAM	1	24	20.21	20.24	20.29	
5	64QAM	12	0	19.53	19.56	19.54	20
5	64QAM	12	7	19.52	19.52	19.51	
5	64QAM	12	13	19.49	19.48	19.48	
5	64QAM	25	0	19.52	19.52	19.57	
5	256QAM	1	0	17.02	17.01	17.04	18

5	256QAM	1	12	17.04	17.04	17.03	
5	256QAM	1	24	16.96	17.01	16.96	
5	256QAM	12	0	16.40	16.41	16.42	18
5	256QAM	12	7	16.38	16.35	16.42	
5	256QAM	12	13	16.35	16.32	16.32	
5	256QAM	25	0	16.37	16.40	16.37	

<LTE Band 66_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.42	23.44	23.42	24.5
20	QPSK	1	49	23.42	23.36	23.40	
20	QPSK	1	99	23.22	23.24	23.27	
20	QPSK	50	0	22.40	22.43	22.42	23.5
20	QPSK	50	24	22.38	22.39	22.42	
20	QPSK	50	50	22.43	22.40	22.38	
20	QPSK	100	0	22.44	22.45	22.42	
20	16QAM	1	0	22.69	22.70	22.75	23.5
20	16QAM	1	49	22.73	22.68	22.71	
20	16QAM	1	99	22.56	22.52	22.61	
20	16QAM	50	0	21.45	21.41	21.44	22.5
20	16QAM	50	24	21.49	21.37	21.51	
20	16QAM	50	50	21.42	21.41	21.45	
20	16QAM	100	0	21.43	21.47	21.49	
20	64QAM	1	0	21.60	21.62	21.67	22.5
20	64QAM	1	49	21.70	21.61	21.58	
20	64QAM	1	99	21.47	21.46	21.55	
20	64QAM	50	0	20.39	20.40	20.43	21.5
20	64QAM	50	24	20.46	20.39	20.50	
20	64QAM	50	50	20.40	20.40	20.41	
20	64QAM	100	0	20.46	20.45	20.45	
20	256QAM	1	0	18.65	18.68	18.66	19.5
20	256QAM	1	49	18.48	18.36	18.44	
20	256QAM	1	99	18.39	18.35	18.35	
20	256QAM	50	0	18.30	18.24	18.33	19.5
20	256QAM	50	24	18.35	18.32	18.36	
20	256QAM	50	50	18.41	18.38	18.39	
20	256QAM	100	0	18.34	18.31	18.34	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.31	23.33	23.25	24.5
15	QPSK	1	37	23.27	23.25	23.25	
15	QPSK	1	74	23.10	23.08	23.12	
15	QPSK	36	0	22.29	22.29	22.24	23.5
15	QPSK	36	20	22.22	22.19	22.31	
15	QPSK	36	39	22.26	22.28	22.28	
15	QPSK	75	0	22.28	22.32	22.22	
15	16QAM	1	0	22.51	22.54	22.58	23.5
15	16QAM	1	37	22.59	22.54	22.54	
15	16QAM	1	74	22.46	22.36	22.44	
15	16QAM	36	0	21.28	21.29	21.24	22.5
15	16QAM	36	20	21.32	21.24	21.34	
15	16QAM	36	39	21.24	21.22	21.28	
15	16QAM	75	0	21.27	21.31	21.29	
15	64QAM	1	0	21.45	21.52	21.53	22.5
15	64QAM	1	37	21.51	21.44	21.46	
15	64QAM	1	74	21.28	21.35	21.36	
15	64QAM	36	0	20.29	20.29	20.25	21.5
15	64QAM	36	20	20.31	20.26	20.38	

15	64QAM	36	39	20.28	20.27	20.29	
15	64QAM	75	0	20.31	20.33	20.27	
15	256QAM	1	0	18.52	18.54	18.55	19.5
15	256QAM	1	37	18.30	18.25	18.30	
15	256QAM	1	74	18.24	18.17	18.24	
15	256QAM	36	0	18.17	18.08	18.15	19.5
15	256QAM	36	20	18.25	18.12	18.25	
15	256QAM	36	39	18.30	18.26	18.20	
15	256QAM	75	0	18.16	18.17	18.23	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.22	23.27	23.32	24.5
10	QPSK	1	25	23.25	23.24	23.26	
10	QPSK	1	49	23.02	23.10	23.14	
10	QPSK	25	0	22.21	22.30	22.28	23.5
10	QPSK	25	12	22.22	22.19	22.25	
10	QPSK	25	25	22.32	22.20	22.23	
10	QPSK	50	0	22.29	22.30	22.23	
10	16QAM	1	0	22.52	22.53	22.65	23.5
10	16QAM	1	25	22.53	22.55	22.61	
10	16QAM	1	49	22.46	22.34	22.42	
10	16QAM	25	0	21.28	21.27	21.25	22.5
10	16QAM	25	12	21.30	21.21	21.31	
10	16QAM	25	25	21.28	21.31	21.26	
10	16QAM	50	0	21.33	21.34	21.39	
10	64QAM	1	0	21.45	21.42	21.53	22.5
10	64QAM	1	25	21.53	21.51	21.38	
10	64QAM	1	49	21.30	21.33	21.37	
10	64QAM	25	0	20.19	20.22	20.23	21.5
10	64QAM	25	12	20.35	20.25	20.30	
10	64QAM	25	25	20.20	20.29	20.23	
10	64QAM	50	0	20.29	20.33	20.33	
10	256QAM	1	0	18.47	18.53	18.50	19.5
10	256QAM	1	25	18.32	18.19	18.25	
10	256QAM	1	49	18.20	18.15	18.24	
10	256QAM	25	0	18.12	18.07	18.23	19.5
10	256QAM	25	12	18.22	18.15	18.20	
10	256QAM	25	25	18.24	18.26	18.27	
10	256QAM	50	0	18.23	18.15	18.21	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.31	23.26	23.30	24.5
5	QPSK	1	12	23.27	23.22	23.25	
5	QPSK	1	24	23.07	23.08	23.15	
5	QPSK	12	0	22.26	22.32	22.28	23.5
5	QPSK	12	7	22.18	22.25	22.31	
5	QPSK	12	13	22.24	22.30	22.22	
5	QPSK	25	0	22.26	22.32	22.32	
5	16QAM	1	0	22.50	22.59	22.60	23.5
5	16QAM	1	12	22.57	22.56	22.52	
5	16QAM	1	24	22.36	22.38	22.46	
5	16QAM	12	0	21.32	21.24	21.31	22.5
5	16QAM	12	7	21.36	21.19	21.35	
5	16QAM	12	13	21.27	21.30	21.34	
5	16QAM	25	0	21.31	21.30	21.37	
5	64QAM	1	0	21.50	21.45	21.57	22.5
5	64QAM	1	12	21.58	21.50	21.43	
5	64QAM	1	24	21.35	21.30	21.43	
5	64QAM	12	0	20.20	20.30	20.29	21.5
5	64QAM	12	7	20.32	20.23	20.34	
5	64QAM	12	13	20.25	20.24	20.31	
5	64QAM	25	0	20.34	20.32	20.28	
5	256QAM	1	0	18.54	18.54	18.53	19.5

5	256QAM	1	12	18.38	18.26	18.34	
5	256QAM	1	24	18.25	18.20	18.18	
5	256QAM	12	0	18.15	18.09	18.14	19.5
5	256QAM	12	7	18.18	18.13	18.16	
5	256QAM	12	13	18.21	18.22	18.26	
5	256QAM	25	0	18.21	18.11	18.20	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.23	23.34	23.24	24.5
3	QPSK	1	8	23.23	23.20	23.29	
3	QPSK	1	14	23.10	23.10	23.08	
3	QPSK	8	0	22.26	22.23	22.23	23.5
3	QPSK	8	4	22.24	22.25	22.24	
3	QPSK	8	7	22.29	22.27	22.25	
3	QPSK	15	0	22.32	22.28	22.28	
3	16QAM	1	0	22.51	22.53	22.64	23.5
3	16QAM	1	8	22.57	22.49	22.52	
3	16QAM	1	14	22.41	22.42	22.45	
3	16QAM	8	0	21.33	21.31	21.32	22.5
3	16QAM	8	4	21.39	21.17	21.36	
3	16QAM	8	7	21.26	21.25	21.31	
3	16QAM	15	0	21.31	21.32	21.37	
3	64QAM	1	0	21.43	21.50	21.51	22.5
3	64QAM	1	8	21.51	21.50	21.42	
3	64QAM	1	14	21.34	21.31	21.44	
3	64QAM	8	0	20.29	20.24	20.29	21.5
3	64QAM	8	4	20.30	20.21	20.38	
3	64QAM	8	7	20.25	20.22	20.28	
3	64QAM	15	0	20.26	20.26	20.26	
3	256QAM	1	0	18.45	18.51	18.50	19.5
3	256QAM	1	8	18.33	18.26	18.34	
3	256QAM	1	14	18.20	18.23	18.22	
3	256QAM	8	0	18.12	18.07	18.22	19.5
3	256QAM	8	4	18.18	18.15	18.18	
3	256QAM	8	7	18.25	18.20	18.26	
3	256QAM	15	0	18.18	18.16	18.24	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.39	23.41	23.38	24.5
1.4	QPSK	1	3	23.39	23.34	23.37	
1.4	QPSK	1	5	23.19	23.20	23.23	
1.4	QPSK	3	0	22.52	22.54	22.53	
1.4	QPSK	3	1	22.51	22.52	22.53	
1.4	QPSK	3	3	22.56	22.53	22.51	
1.4	QPSK	6	0	22.42	22.41	22.39	23.5
1.4	16QAM	1	0	22.65	22.68	22.72	23.5
1.4	16QAM	1	3	22.69	22.66	22.67	
1.4	16QAM	1	5	22.54	22.50	22.58	
1.4	16QAM	3	0	21.58	21.53	21.55	
1.4	16QAM	3	1	21.61	21.51	21.63	
1.4	16QAM	3	3	21.55	21.54	21.57	
1.4	16QAM	6	0	21.40	21.43	21.47	22.5
1.4	64QAM	1	0	21.57	21.60	21.63	22.5
1.4	64QAM	1	3	21.68	21.58	21.55	
1.4	64QAM	1	5	21.44	21.44	21.51	
1.4	64QAM	3	0	20.50	20.52	20.56	
1.4	64QAM	3	1	20.59	20.51	20.61	
1.4	64QAM	3	3	20.53	20.53	20.53	
1.4	64QAM	6	0	20.43	20.41	20.41	21.5
1.4	256QAM	1	0	18.63	18.66	18.64	19.5
1.4	256QAM	1	3	18.46	18.32	18.41	
1.4	256QAM	1	5	18.36	18.31	18.33	
1.4	256QAM	3	0	18.27	18.20	18.31	

1.4	256QAM	3	1	18.31	18.29	18.33	
1.4	256QAM	3	3	18.39	18.35	18.36	
1.4	256QAM	6	0	18.32	18.28	18.32	19.5

<LTE Band 66_Ant MIMO2_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.79	24.00	23.75	24.5
20	QPSK	1	49	23.61	23.82	23.57	
20	QPSK	1	99	23.46	23.67	23.42	
20	QPSK	50	0	22.80	23.00	22.76	23.5
20	QPSK	50	24	22.79	22.99	22.75	
20	QPSK	50	50	22.78	22.98	22.74	
20	QPSK	100	0	22.83	23.03	22.79	
20	16QAM	1	0	23.06	23.26	23.02	23.5
20	16QAM	1	49	22.89	23.09	22.85	
20	16QAM	1	99	22.74	22.94	22.70	
20	16QAM	50	0	22.09	22.29	22.06	22.5
20	16QAM	50	24	22.09	22.28	22.05	
20	16QAM	50	50	22.08	22.27	22.04	
20	16QAM	100	0	22.12	22.32	22.09	
20	64QAM	1	0	21.77	21.96	21.73	22.5
20	64QAM	1	49	21.61	21.80	21.57	
20	64QAM	1	99	21.47	21.66	21.43	
20	64QAM	50	0	20.86	21.04	20.82	21.5
20	64QAM	50	24	20.86	21.04	20.82	
20	64QAM	50	50	20.85	21.03	20.81	
20	64QAM	100	0	20.89	21.07	20.85	
20	256QAM	1	0	18.77	18.94	18.74	19.5
20	256QAM	1	49	18.64	18.80	18.60	
20	256QAM	1	99	18.52	18.68	18.49	
20	256QAM	50	0	17.99	18.15	17.96	19.5
20	256QAM	50	24	17.98	18.14	17.95	
20	256QAM	50	50	17.98	18.14	17.95	
20	256QAM	100	0	18.01	18.17	17.98	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.61	23.82	23.55	24.5
15	QPSK	1	37	23.48	23.62	23.41	
15	QPSK	1	74	23.36	23.51	23.25	
15	QPSK	36	0	22.60	22.83	22.65	23.5
15	QPSK	36	20	22.67	22.89	22.64	
15	QPSK	36	39	22.58	22.80	22.62	
15	QPSK	75	0	22.63	22.85	22.64	
15	16QAM	1	0	22.91	23.06	22.86	23.5
15	16QAM	1	37	22.73	22.98	22.69	
15	16QAM	1	74	22.56	22.77	22.57	
15	16QAM	36	0	21.96	22.09	21.86	22.5
15	16QAM	36	20	21.92	22.15	21.92	
15	16QAM	36	39	21.90	22.13	21.89	
15	16QAM	75	0	22.01	22.18	21.92	
15	64QAM	1	0	21.60	21.84	21.57	22.5
15	64QAM	1	37	21.46	21.69	21.47	
15	64QAM	1	74	21.33	21.50	21.24	
15	64QAM	36	0	20.66	20.85	20.62	21.5
15	64QAM	36	20	20.68	20.90	20.63	
15	64QAM	36	39	20.71	20.93	20.66	
15	64QAM	75	0	20.75	20.96	20.72	
15	256QAM	1	0	18.63	18.79	18.54	19.5

15	256QAM	1	37	18.49	18.62	18.43	
15	256QAM	1	74	18.39	18.51	18.34	
15	256QAM	36	0	17.82	18.05	17.77	19.5
15	256QAM	36	20	17.79	18.00	17.75	
15	256QAM	36	39	17.83	18.04	17.77	
15	256QAM	75	0	17.88	17.97	17.87	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.62	23.83	23.56	24.5
10	QPSK	1	25	23.49	23.64	23.47	
10	QPSK	1	49	23.26	23.53	23.26	
10	QPSK	25	0	22.62	22.87	22.57	23.5
10	QPSK	25	12	22.60	22.88	22.61	
10	QPSK	25	25	22.64	22.88	22.59	
10	QPSK	50	0	22.68	22.93	22.64	
10	16QAM	1	0	22.92	23.13	22.82	23.5
10	16QAM	1	25	22.72	22.89	22.74	
10	16QAM	1	49	22.62	22.81	22.53	
10	16QAM	25	0	21.92	22.11	21.90	22.5
10	16QAM	25	12	21.97	22.10	21.95	
10	16QAM	25	25	21.97	22.17	21.93	
10	16QAM	50	0	22.00	22.12	21.99	
10	64QAM	1	0	21.66	21.81	21.56	22.5
10	64QAM	1	25	21.50	21.66	21.41	
10	64QAM	1	49	21.31	21.51	21.29	
10	64QAM	25	0	20.67	20.91	20.71	21.5
10	64QAM	25	12	20.71	20.91	20.64	
10	64QAM	25	25	20.73	20.83	20.68	
10	64QAM	50	0	20.70	20.89	20.71	
10	256QAM	1	0	18.57	18.83	18.62	19.5
10	256QAM	1	25	18.49	18.64	18.42	
10	256QAM	1	49	18.38	18.58	18.37	
10	256QAM	25	0	17.86	18.05	17.82	19.5
10	256QAM	25	12	17.86	17.99	17.81	
10	256QAM	25	25	17.83	17.99	17.83	
10	256QAM	50	0	17.87	18.02	17.84	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.68	23.81	23.61	24.5
5	QPSK	1	12	23.44	23.66	23.41	
5	QPSK	1	24	23.33	23.56	23.31	
5	QPSK	12	0	22.69	22.89	22.62	23.5
5	QPSK	12	7	22.66	22.89	22.61	
5	QPSK	12	13	22.66	22.82	22.64	
5	QPSK	25	0	22.65	22.93	22.68	
5	16QAM	1	0	22.93	23.09	22.88	23.5
5	16QAM	1	12	22.77	22.96	22.72	
5	16QAM	1	24	22.57	22.76	22.58	
5	16QAM	12	0	21.93	22.12	21.91	22.5
5	16QAM	12	7	21.98	22.16	21.88	
5	16QAM	12	13	21.88	22.17	21.88	
5	16QAM	25	0	21.95	22.14	21.91	
5	64QAM	1	0	21.64	21.82	21.54	22.5
5	64QAM	1	12	21.49	21.62	21.42	
5	64QAM	1	24	21.27	21.46	21.30	
5	64QAM	12	0	20.71	20.84	20.63	21.5
5	64QAM	12	7	20.74	20.87	20.67	
5	64QAM	12	13	20.73	20.87	20.69	
5	64QAM	25	0	20.78	20.96	20.67	
5	256QAM	1	0	18.64	18.82	18.59	19.5
5	256QAM	1	12	18.53	18.66	18.45	
5	256QAM	1	24	18.42	18.50	18.31	
5	256QAM	12	0	17.80	17.95	17.85	19.5

5	256QAM	12	7	17.78	18.04	17.76	
5	256QAM	12	13	17.86	18.02	17.83	
5	256QAM	25	0	17.81	17.99	17.86	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.64	23.88	23.65	24.5
3	QPSK	1	8	23.43	23.62	23.44	
3	QPSK	1	14	23.31	23.54	23.32	
3	QPSK	8	0	22.64	22.82	22.66	23.5
3	QPSK	8	4	22.61	22.82	22.62	
3	QPSK	8	7	22.60	22.85	22.64	
3	QPSK	15	0	22.64	22.90	22.64	
3	16QAM	1	0	22.87	23.14	22.91	23.5
3	16QAM	1	8	22.71	22.94	22.74	
3	16QAM	1	14	22.61	22.74	22.54	
3	16QAM	8	0	21.95	22.14	21.88	22.5
3	16QAM	8	4	21.98	22.16	21.87	
3	16QAM	8	7	21.91	22.10	21.85	
3	16QAM	15	0	22.01	22.22	21.90	
3	64QAM	1	0	21.57	21.78	21.56	22.5
3	64QAM	1	8	21.51	21.69	21.47	
3	64QAM	1	14	21.30	21.47	21.31	
3	64QAM	8	0	20.69	20.88	20.66	21.5
3	64QAM	8	4	20.67	20.89	20.65	
3	64QAM	8	7	20.71	20.87	20.69	
3	64QAM	15	0	20.75	20.87	20.75	
3	256QAM	1	0	18.59	18.77	18.59	19.5
3	256QAM	1	8	18.52	18.63	18.49	
3	256QAM	1	14	18.37	18.50	18.38	
3	256QAM	8	0	17.81	18.01	17.85	19.5
3	256QAM	8	4	17.81	17.97	17.85	
3	256QAM	8	7	17.80	18.02	17.79	
3	256QAM	15	0	17.83	18.01	17.80	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.63	23.83	23.62	24.5
1.4	QPSK	1	3	23.41	23.67	23.40	
1.4	QPSK	1	5	23.32	23.49	23.24	
1.4	QPSK	3	0	22.61	22.88	22.66	
1.4	QPSK	3	1	22.59	22.85	22.55	
1.4	QPSK	3	3	22.66	22.86	22.54	
1.4	QPSK	6	0	22.72	22.88	22.66	23.5
1.4	16QAM	1	0	22.95	23.08	22.86	23.5
1.4	16QAM	1	3	22.78	22.90	22.66	
1.4	16QAM	1	5	22.63	22.80	22.58	
1.4	16QAM	3	0	21.99	22.15	21.93	
1.4	16QAM	3	1	21.90	22.14	21.86	
1.4	16QAM	3	3	21.98	22.15	21.85	
1.4	16QAM	6	0	21.99	22.14	21.89	22.5
1.4	64QAM	1	0	21.57	21.77	21.62	22.5
1.4	64QAM	1	3	21.49	21.67	21.45	
1.4	64QAM	1	5	21.27	21.46	21.23	
1.4	64QAM	3	0	20.66	20.85	20.72	
1.4	64QAM	3	1	20.76	20.90	20.67	
1.4	64QAM	3	3	20.70	20.91	20.65	
1.4	64QAM	6	0	20.78	20.89	20.68	21.5
1.4	256QAM	1	0	18.62	18.80	18.61	19.5
1.4	256QAM	1	3	18.49	18.66	18.46	
1.4	256QAM	1	5	18.37	18.58	18.29	
1.4	256QAM	3	0	17.83	18.01	17.81	
1.4	256QAM	3	1	17.82	17.95	17.77	
1.4	256QAM	3	3	17.80	18.03	17.80	
1.4	256QAM	6	0	17.86	18.04	17.88	19.5

<LTE Band 71_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	23.12	23.30	22.96	24.5
20	QPSK	1	49	23.10	23.19	23.12	
20	QPSK	1	99	23.16	23.13	23.23	
20	QPSK	50	0	22.23	22.36	22.15	23.5
20	QPSK	50	24	22.25	22.26	22.24	
20	QPSK	50	50	22.30	22.21	22.32	
20	QPSK	100	0	22.22	22.32	22.27	
20	16QAM	1	0	22.49	22.53	22.36	23.5
20	16QAM	1	49	22.39	22.46	22.39	
20	16QAM	1	99	22.44	22.46	22.52	
20	16QAM	50	0	21.26	21.37	21.16	22.5
20	16QAM	50	24	21.25	21.28	21.25	
20	16QAM	50	50	21.31	21.21	21.37	
20	16QAM	100	0	21.24	21.35	21.28	
20	64QAM	1	0	21.40	21.49	21.26	22.5
20	64QAM	1	49	21.37	21.52	21.41	
20	64QAM	1	99	21.44	21.34	21.47	
20	64QAM	50	0	20.24	20.38	20.15	21.5
20	64QAM	50	24	20.24	20.29	20.22	
20	64QAM	50	50	20.27	20.18	20.32	
20	64QAM	100	0	20.23	20.37	20.29	
20	256QAM	1	0	18.75	18.80	18.77	19.5
20	256QAM	1	49	18.65	18.49	18.52	
20	256QAM	1	99	18.51	18.58	18.64	
20	256QAM	50	0	18.66	18.56	18.52	19.5
20	256QAM	50	24	18.54	18.49	18.50	
20	256QAM	50	50	18.45	18.45	18.56	
20	256QAM	100	0	18.63	18.55	18.55	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	22.99	23.19	22.86	24.5
15	QPSK	1	37	22.92	23.08	23.01	
15	QPSK	1	74	22.97	22.93	23.12	
15	QPSK	36	0	22.07	22.19	21.97	23.5
15	QPSK	36	20	22.11	22.10	22.08	
15	QPSK	36	39	22.18	22.03	22.19	
15	QPSK	75	0	22.09	22.12	22.09	
15	16QAM	1	0	22.37	22.39	22.22	23.5
15	16QAM	1	37	22.25	22.35	22.24	
15	16QAM	1	74	22.32	22.27	22.38	
15	16QAM	36	0	21.12	21.22	21.02	22.5
15	16QAM	36	20	21.10	21.08	21.15	
15	16QAM	36	39	21.13	21.02	21.25	
15	16QAM	75	0	21.11	21.17	21.08	
15	64QAM	1	0	21.22	21.36	21.13	22.5
15	64QAM	1	37	21.25	21.36	21.25	
15	64QAM	1	74	21.26	21.20	21.33	
15	64QAM	36	0	20.04	20.24	19.97	21.5
15	64QAM	36	20	20.07	20.10	20.08	
15	64QAM	36	39	20.15	19.99	20.12	
15	64QAM	75	0	20.05	20.19	20.15	
15	256QAM	1	0	18.65	18.70	18.57	19.5
15	256QAM	1	37	18.48	18.32	18.42	
15	256QAM	1	74	18.32	18.47	18.52	
15	256QAM	36	0	18.46	18.43	18.40	19.5

15	256QAM	36	20	18.34	18.30	18.34	
15	256QAM	36	39	18.31	18.28	18.41	
15	256QAM	75	0	18.47	18.39	18.44	
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	22.98	23.16	22.79	24.5
10	QPSK	1	25	22.93	23.04	22.98	
10	QPSK	1	49	23.04	22.93	23.07	
10	QPSK	25	0	22.09	22.24	22.05	23.5
10	QPSK	25	12	22.09	22.06	22.06	
10	QPSK	25	25	22.11	22.10	22.20	
10	QPSK	50	0	22.03	22.14	22.15	
10	16QAM	1	0	22.35	22.34	22.17	23.5
10	16QAM	1	25	22.29	22.26	22.29	
10	16QAM	1	49	22.31	22.28	22.40	
10	16QAM	25	0	21.07	21.23	20.99	22.5
10	16QAM	25	12	21.05	21.17	21.10	
10	16QAM	25	25	21.15	21.02	21.26	
10	16QAM	50	0	21.12	21.18	21.17	
10	64QAM	1	0	21.22	21.34	21.16	22.5
10	64QAM	1	25	21.17	21.35	21.25	
10	64QAM	1	49	21.29	21.16	21.27	
10	64QAM	25	0	20.06	20.21	20.04	21.5
10	64QAM	25	12	20.13	20.13	20.07	
10	64QAM	25	25	20.08	20.05	20.14	
10	64QAM	50	0	20.10	20.22	20.14	
10	256QAM	1	0	18.64	18.67	18.63	19.5
10	256QAM	1	25	18.47	18.39	18.36	
10	256QAM	1	49	18.38	18.44	18.49	
10	256QAM	25	0	18.55	18.39	18.38	19.5
10	256QAM	25	12	18.38	18.33	18.36	
10	256QAM	25	25	18.26	18.27	18.42	
10	256QAM	50	0	18.48	18.42	18.43	
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	22.95	23.13	22.79	24.5
5	QPSK	1	12	22.95	23.02	22.95	
5	QPSK	1	24	22.98	22.93	23.11	
5	QPSK	12	0	22.07	22.24	21.99	23.5
5	QPSK	12	7	22.06	22.08	22.07	
5	QPSK	12	13	22.20	22.08	22.20	
5	QPSK	25	0	22.04	22.20	22.16	
5	16QAM	1	0	22.38	22.39	22.16	23.5
5	16QAM	1	12	22.19	22.29	22.28	
5	16QAM	1	24	22.31	22.30	22.34	
5	16QAM	12	0	21.07	21.20	21.05	22.5
5	16QAM	12	7	21.15	21.11	21.06	
5	16QAM	12	13	21.14	21.03	21.22	
5	16QAM	25	0	21.04	21.24	21.17	
5	64QAM	1	0	21.29	21.34	21.12	22.5
5	64QAM	1	12	21.27	21.41	21.23	
5	64QAM	1	24	21.33	21.22	21.37	
5	64QAM	12	0	20.06	20.26	19.98	21.5
5	64QAM	12	7	20.10	20.09	20.06	
5	64QAM	12	13	20.13	20.01	20.12	
5	64QAM	25	0	20.09	20.27	20.14	
5	256QAM	1	0	18.60	18.68	18.63	19.5
5	256QAM	1	12	18.54	18.30	18.42	
5	256QAM	1	24	18.35	18.40	18.44	
5	256QAM	12	0	18.56	18.42	18.42	19.5
5	256QAM	12	7	18.42	18.29	18.40	
5	256QAM	12	13	18.27	18.28	18.43	
5	256QAM	25	0	18.49	18.39	18.43	

<LTE Band 38_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.21	23.31	23.04	24.5
20	QPSK	1	49	23.18	23.28	22.94	
20	QPSK	1	99	23.05	23.30	22.81	
20	QPSK	50	0	22.21	22.31	21.99	23.5
20	QPSK	50	24	22.13	22.33	22.00	
20	QPSK	50	50	22.04	22.19	22.02	
20	QPSK	100	0	22.08	22.27	21.96	
20	16QAM	1	0	22.29	22.26	22.01	23.5
20	16QAM	1	49	22.18	22.30	22.06	
20	16QAM	1	99	22.02	22.27	21.84	
20	16QAM	50	0	21.27	21.35	21.02	22.5
20	16QAM	50	24	21.17	21.34	21.00	
20	16QAM	50	50	21.10	21.23	20.85	
20	16QAM	100	0	21.13	21.29	20.98	
20	64QAM	1	0	21.21	21.28	20.98	22.5
20	64QAM	1	49	21.13	21.22	20.99	
20	64QAM	1	99	21.02	21.23	20.79	
20	64QAM	50	0	20.23	20.38	20.04	21.5
20	64QAM	50	24	20.16	20.36	20.04	
20	64QAM	50	50	20.09	20.25	20.02	
20	64QAM	100	0	20.13	20.33	19.98	
20	256QAM	1	0	18.28	18.15	18.03	19.5
20	256QAM	1	49	18.22	18.07	17.82	
20	256QAM	1	99	17.88	17.80	17.58	
20	256QAM	50	0	18.30	18.21	18.04	19.5
20	256QAM	50	24	18.30	18.10	17.95	
20	256QAM	50	50	18.11	17.97	17.74	
20	256QAM	100	0	18.23	18.03	17.89	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.02	23.18	22.94	24.5
15	QPSK	1	37	23.03	23.13	22.83	
15	QPSK	1	74	22.93	23.11	22.65	
15	QPSK	36	0	22.03	22.21	21.84	23.5
15	QPSK	36	20	21.95	22.17	21.88	
15	QPSK	36	39	21.84	22.02	21.85	
15	QPSK	75	0	21.90	22.10	21.79	
15	16QAM	1	0	22.19	22.11	21.81	23.5
15	16QAM	1	37	22.08	22.20	21.95	
15	16QAM	1	74	21.82	22.15	21.68	
15	16QAM	36	0	21.08	21.21	20.92	22.5
15	16QAM	36	20	21.01	21.14	20.88	
15	16QAM	36	39	20.98	21.06	20.70	
15	16QAM	75	0	20.94	21.16	20.82	
15	64QAM	1	0	21.07	21.08	20.79	22.5
15	64QAM	1	37	21.01	21.07	20.86	
15	64QAM	1	74	20.91	21.08	20.59	
15	64QAM	36	0	20.07	20.24	19.87	21.5
15	64QAM	36	20	19.97	20.17	19.85	
15	64QAM	36	39	19.98	20.14	19.84	
15	64QAM	75	0	19.98	20.14	19.88	
15	256QAM	1	0	18.08	17.99	17.87	19.5
15	256QAM	1	37	18.06	17.87	17.72	
15	256QAM	1	74	17.78	17.68	17.73	
15	256QAM	36	0	18.14	18.09	17.85	19.5

15	256QAM	36	20	18.16	18.00	17.78	
15	256QAM	36	39	17.98	17.82	17.58	
15	256QAM	75	0	18.03	17.86	17.72	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	23.10	23.18	22.87	24.5
10	QPSK	1	25	23.00	23.11	22.83	
10	QPSK	1	49	22.89	23.15	22.69	
10	QPSK	25	0	22.03	22.13	21.81	23.5
10	QPSK	25	12	22.01	22.17	21.89	
10	QPSK	25	25	21.91	22.06	21.92	
10	QPSK	50	0	21.97	22.14	21.84	
10	16QAM	1	0	22.09	22.10	21.84	23.5
10	16QAM	1	25	21.98	22.16	21.90	
10	16QAM	1	49	21.87	22.17	21.65	
10	16QAM	25	0	21.14	21.18	20.84	22.5
10	16QAM	25	12	20.98	21.16	20.82	
10	16QAM	25	25	20.91	21.12	20.73	
10	16QAM	50	0	20.98	21.10	20.81	
10	64QAM	1	0	21.09	21.09	20.78	22.5
10	64QAM	1	25	20.96	21.10	20.80	
10	64QAM	1	49	20.92	21.13	20.68	
10	64QAM	25	0	20.04	20.21	19.94	21.5
10	64QAM	25	12	20.02	20.16	19.89	
10	64QAM	25	25	19.90	20.05	19.92	
10	64QAM	50	0	19.93	20.23	19.82	
10	256QAM	1	0	18.17	18.00	17.91	19.5
10	256QAM	1	25	18.05	17.90	17.72	
10	256QAM	1	49	17.68	17.63	17.76	
10	256QAM	25	0	18.11	18.11	17.94	19.5
10	256QAM	25	12	18.17	17.99	17.80	
10	256QAM	25	25	18.01	17.85	17.62	
10	256QAM	50	0	18.07	17.87	17.78	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.05	23.12	22.86	24.5
5	QPSK	1	12	23.07	23.11	22.84	
5	QPSK	1	24	22.85	23.18	22.62	
5	QPSK	12	0	22.01	22.18	21.85	23.5
5	QPSK	12	7	21.96	22.19	21.86	
5	QPSK	12	13	21.86	22.09	21.82	
5	QPSK	25	0	21.88	22.13	21.84	
5	16QAM	1	0	22.19	22.09	21.83	23.5
5	16QAM	1	12	22.08	22.18	21.93	
5	16QAM	1	24	21.82	22.17	21.72	
5	16QAM	12	0	21.16	21.24	20.88	22.5
5	16QAM	12	7	21.00	21.21	20.80	
5	16QAM	12	13	21.00	21.09	20.65	
5	16QAM	25	0	21.00	21.10	20.84	
5	64QAM	1	0	21.07	21.12	20.88	22.5
5	64QAM	1	12	20.94	21.12	20.81	
5	64QAM	1	24	20.88	21.06	20.66	
5	64QAM	12	0	20.03	20.23	19.89	21.5
5	64QAM	12	7	20.05	20.18	19.90	
5	64QAM	12	13	19.89	20.07	19.90	
5	64QAM	25	0	19.96	20.21	19.84	
5	256QAM	1	0	18.09	18.00	17.85	19.5
5	256QAM	1	12	18.07	17.95	17.69	
5	256QAM	1	24	17.72	17.64	17.77	
5	256QAM	12	0	18.12	18.07	17.85	19.5
5	256QAM	12	7	18.14	17.94	17.82	
5	256QAM	12	13	17.96	17.78	17.59	
5	256QAM	25	0	18.13	17.84	17.76	

<LTE Band 38_Ant MIMO2_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	22.95	23.12	22.68	24.5
20	QPSK	1	49	22.76	22.93	22.64	
20	QPSK	1	99	22.67	22.84	22.61	
20	QPSK	50	0	22.11	22.27	21.85	23.5
20	QPSK	50	24	21.98	22.14	21.72	
20	QPSK	50	50	21.85	22.01	21.59	
20	QPSK	100	0	21.89	22.05	21.63	
20	16QAM	1	0	22.32	22.49	22.06	23.5
20	16QAM	1	49	22.15	22.31	21.89	
20	16QAM	1	99	22.06	22.22	21.80	
20	16QAM	50	0	21.50	21.66	21.25	22.5
20	16QAM	50	24	21.38	21.54	21.13	
20	16QAM	50	50	21.25	21.41	21.00	
20	16QAM	100	0	21.29	21.45	21.04	
20	64QAM	1	0	21.09	21.25	20.85	22.5
20	64QAM	1	49	20.92	21.08	20.68	
20	64QAM	1	99	20.84	20.99	20.59	
20	64QAM	50	0	20.32	20.47	20.08	21.5
20	64QAM	50	24	20.20	20.35	19.96	
20	64QAM	50	50	20.08	20.23	19.84	
20	64QAM	100	0	20.12	20.27	19.88	
20	256QAM	1	0	18.81	18.95	18.59	19.5
20	256QAM	1	49	18.65	18.79	18.43	
20	256QAM	1	99	18.58	18.72	18.36	
20	256QAM	50	0	18.12	18.25	17.90	19.5
20	256QAM	50	24	18.02	18.15	17.80	
20	256QAM	50	50	17.91	18.04	17.70	
20	256QAM	100	0	17.94	18.07	17.73	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	22.81	22.96	22.52	24.5
15	QPSK	1	37	22.64	22.83	22.64	
15	QPSK	1	74	22.56	22.68	22.66	
15	QPSK	36	0	21.92	22.17	21.68	23.5
15	QPSK	36	20	21.78	21.99	21.60	
15	QPSK	36	39	21.75	21.85	21.64	
15	QPSK	75	0	21.78	21.88	21.67	
15	16QAM	1	0	22.22	22.29	21.92	23.5
15	16QAM	1	37	22.00	22.11	21.70	
15	16QAM	1	74	21.90	22.04	21.62	
15	16QAM	36	0	21.40	21.49	21.09	22.5
15	16QAM	36	20	21.26	21.36	21.00	
15	16QAM	36	39	21.07	21.24	20.86	
15	16QAM	75	0	21.13	21.30	20.91	
15	64QAM	1	0	20.89	21.11	20.66	22.5
15	64QAM	1	37	20.81	20.98	20.88	
15	64QAM	1	74	20.67	20.80	20.69	
15	64QAM	36	0	20.15	20.29	19.94	21.5
15	64QAM	36	20	20.02	20.25	19.83	
15	64QAM	36	39	19.92	20.09	19.71	
15	64QAM	75	0	19.95	20.13	19.77	
15	256QAM	1	0	18.68	18.75	18.49	19.5
15	256QAM	1	37	18.46	18.64	18.33	
15	256QAM	1	74	18.47	18.52	18.19	
15	256QAM	36	0	18.01	18.06	17.77	19.5

15	256QAM	36	20	17.82	17.96	17.61	
15	256QAM	36	39	17.81	17.90	17.54	
15	256QAM	75	0	17.75	17.88	17.57	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	22.81	22.95	22.50	24.5
10	QPSK	1	25	22.66	22.74	22.50	
10	QPSK	1	49	22.59	22.66	22.53	
10	QPSK	25	0	21.92	22.13	21.74	23.5
10	QPSK	25	12	21.80	22.04	21.59	
10	QPSK	25	25	21.66	21.81	22.72	
10	QPSK	50	0	21.71	21.87	21.52	
10	16QAM	1	0	22.22	22.38	21.91	23.5
10	16QAM	1	25	22.00	22.14	21.73	
10	16QAM	1	49	21.94	22.08	21.68	
10	16QAM	25	0	21.37	21.49	21.05	22.5
10	16QAM	25	12	21.24	21.35	20.99	
10	16QAM	25	25	21.10	21.27	20.80	
10	16QAM	50	0	21.16	21.27	20.94	
10	64QAM	1	0	20.95	21.09	20.66	22.5
10	64QAM	1	25	20.82	20.93	20.50	
10	64QAM	1	49	20.74	20.83	20.61	
10	64QAM	25	0	20.17	20.33	19.98	21.5
10	64QAM	25	12	20.07	20.22	19.85	
10	64QAM	25	25	19.96	20.04	19.74	
10	64QAM	50	0	20.01	20.16	19.74	
10	256QAM	1	0	18.71	18.75	18.47	19.5
10	256QAM	1	25	18.53	18.65	18.25	
10	256QAM	1	49	18.40	18.53	18.26	
10	256QAM	25	0	17.94	18.07	17.75	19.5
10	256QAM	25	12	17.84	17.95	17.63	
10	256QAM	25	25	17.81	17.90	17.56	
10	256QAM	50	0	17.75	17.97	17.56	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	22.76	22.99	22.57	24.5
5	QPSK	1	12	22.61	22.80	22.75	
5	QPSK	1	24	22.51	22.67	22.54	
5	QPSK	12	0	21.99	22.10	21.75	23.5
5	QPSK	12	7	21.82	22.02	21.56	
5	QPSK	12	13	21.75	21.90	21.80	
5	QPSK	25	0	21.71	21.92	21.53	
5	16QAM	1	0	22.16	22.31	21.94	23.5
5	16QAM	1	12	21.95	22.20	21.77	
5	16QAM	1	24	21.95	22.03	21.63	
5	16QAM	12	0	21.39	21.53	21.15	22.5
5	16QAM	12	7	21.19	21.40	21.03	
5	16QAM	12	13	21.11	21.24	20.81	
5	16QAM	25	0	21.17	21.26	20.88	
5	64QAM	1	0	20.94	21.07	20.75	22.5
5	64QAM	1	12	20.75	20.89	20.50	
5	64QAM	1	24	20.73	20.86	20.77	
5	64QAM	12	0	20.12	20.28	19.91	21.5
5	64QAM	12	7	20.10	20.22	19.84	
5	64QAM	12	13	19.96	20.11	19.74	
5	64QAM	25	0	19.94	20.10	19.74	
5	256QAM	1	0	18.62	18.85	18.44	19.5
5	256QAM	1	12	18.45	18.62	18.24	
5	256QAM	1	24	18.43	18.59	18.18	
5	256QAM	12	0	17.92	18.14	17.76	19.5
5	256QAM	12	7	17.91	18.03	17.70	
5	256QAM	12	13	17.79	17.84	17.54	
5	256QAM	25	0	17.83	17.87	17.60	

<LTE Band 41_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.45	23.46	23.28	23.40	23.43	25
20	QPSK	1	49	23.45	23.39	23.22	23.36	23.42	
20	QPSK	1	99	23.44	23.41	23.11	23.30	23.26	
20	QPSK	50	0	22.48	22.59	22.30	22.45	22.35	24
20	QPSK	50	24	22.43	22.52	22.28	22.44	22.34	
20	QPSK	50	50	22.42	22.51	22.14	22.42	22.36	
20	QPSK	100	0	22.38	22.47	22.22	22.38	22.29	
20	16QAM	1	0	22.44	22.45	22.11	22.34	22.26	24
20	16QAM	1	49	22.52	22.50	22.13	22.44	22.40	
20	16QAM	1	99	22.41	22.50	22.18	22.38	22.30	
20	16QAM	50	0	21.50	21.48	21.22	21.34	21.38	23
20	16QAM	50	24	21.48	21.55	21.25	21.47	21.38	
20	16QAM	50	50	21.45	21.54	21.12	21.43	21.39	
20	16QAM	100	0	21.40	21.46	21.18	21.40	21.31	
20	64QAM	1	0	21.39	21.33	21.06	21.20	21.24	23
20	64QAM	1	49	21.34	21.40	21.24	21.30	21.37	
20	64QAM	1	99	21.35	21.38	21.12	21.20	21.26	
20	64QAM	50	0	20.55	20.51	20.24	20.35	20.35	22
20	64QAM	50	24	20.43	20.55	20.26	20.49	20.38	
20	64QAM	50	50	20.45	20.53	20.15	20.47	20.38	
20	64QAM	100	0	20.40	20.49	20.23	20.41	20.29	
20	256QAM	1	0	18.32	18.22	18.28	18.25	18.28	20
20	256QAM	1	49	18.54	18.26	18.22	18.35	18.42	
20	256QAM	1	99	18.36	18.25	18.20	18.27	18.42	
20	256QAM	50	0	18.50	18.36	18.35	18.35	18.37	20
20	256QAM	50	24	18.51	18.31	18.31	18.42	18.44	
20	256QAM	50	50	18.45	18.23	18.18	18.34	18.39	
20	256QAM	100	0	18.48	18.21	18.25	18.35	18.40	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.31	23.27	23.30	23.23	23.30	25.00
15	QPSK	1	37	23.29	23.20	23.32	23.25	23.28	
15	QPSK	1	74	23.28	23.23	23.18	23.18	23.06	
15	QPSK	36	0	22.28	22.43	22.32	22.32	22.21	24
15	QPSK	36	20	22.32	22.38	22.31	22.30	22.21	
15	QPSK	36	39	22.23	22.36	22.17	22.24	22.26	
15	QPSK	75	0	22.21	22.35	22.27	22.23	22.15	
15	16QAM	1	0	22.29	22.29	22.15	22.22	22.06	24
15	16QAM	1	37	22.41	22.39	22.22	22.32	22.22	
15	16QAM	1	74	22.24	22.40	22.22	22.19	22.12	
15	16QAM	36	0	21.30	21.31	21.23	21.18	21.23	23
15	16QAM	36	20	21.34	21.44	21.29	21.32	21.25	
15	16QAM	36	39	21.27	21.43	21.22	21.32	21.25	
15	16QAM	75	0	21.23	21.35	21.25	21.24	21.16	
15	64QAM	1	0	21.26	21.23	21.09	21.09	21.04	23
15	64QAM	1	37	21.18	21.21	21.30	21.13	21.27	
15	64QAM	1	74	21.18	21.23	21.16	21.06	21.09	
15	64QAM	36	0	20.45	20.34	20.25	20.20	20.17	22
15	64QAM	36	20	20.23	20.45	20.34	20.31	20.26	
15	64QAM	36	39	20.31	20.39	20.24	20.27	20.19	
15	64QAM	75	0	20.22	20.30	20.33	20.24	20.19	
15	256QAM	1	0	18.16	18.11	18.08	18.08	18.16	20
15	256QAM	1	37	18.36	18.07	18.06	18.16	18.22	
15	256QAM	1	74	18.20	18.12	18.05	18.08	18.31	
15	256QAM	36	0	18.37	18.24	18.16	18.17	18.22	20

15	256QAM	36	20	18.33	18.11	18.14	18.23	18.30	
15	256QAM	36	39	18.28	18.08	18.01	18.14	18.29	
15	256QAM	75	0	18.29	18.07	18.13	18.17	18.30	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.33	23.31	23.33	23.30	23.26	25.00
10	QPSK	1	25	23.29	23.26	23.24	23.17	23.31	
10	QPSK	1	49	23.33	23.30	23.11	23.15	23.06	
10	QPSK	25	0	22.35	22.39	22.37	22.35	22.17	24
10	QPSK	25	12	22.24	22.39	22.33	22.24	22.19	
10	QPSK	25	25	22.32	22.38	22.24	22.30	22.22	
10	QPSK	50	0	22.22	22.35	22.28	22.22	22.18	
10	16QAM	1	0	22.26	22.35	22.17	22.22	22.07	24
10	16QAM	1	25	22.38	22.35	22.19	22.33	22.22	
10	16QAM	1	49	22.24	22.34	22.27	22.24	22.16	
10	16QAM	25	0	21.34	21.30	21.29	21.20	21.23	23
10	16QAM	25	12	21.38	21.41	21.34	21.37	21.18	
10	16QAM	25	25	21.31	21.40	21.14	21.31	21.20	
10	16QAM	50	0	21.26	21.36	21.28	21.28	21.19	
10	64QAM	1	0	21.24	21.18	21.16	21.01	21.04	23
10	64QAM	1	25	21.17	21.28	21.32	21.18	21.21	
10	64QAM	1	49	21.24	21.23	21.18	21.04	21.16	
10	64QAM	25	0	20.43	20.35	20.33	20.22	20.24	22
10	64QAM	25	12	20.33	20.44	20.28	20.35	20.28	
10	64QAM	25	25	20.30	20.43	20.25	20.31	20.22	
10	64QAM	50	0	20.24	20.37	20.24	20.30	20.18	
10	256QAM	1	0	18.20	18.08	18.14	18.07	18.14	20
10	256QAM	1	25	18.36	18.13	18.09	18.22	18.22	
10	256QAM	1	49	18.16	18.07	18.07	18.07	18.28	
10	256QAM	25	0	18.38	18.20	18.20	18.22	18.17	20
10	256QAM	25	12	18.36	18.18	18.20	18.22	18.34	
10	256QAM	25	25	18.32	18.10	18.11	18.24	18.19	
10	256QAM	50	0	18.29	18.07	18.11	18.19	18.22	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	23.29	23.36	23.31	23.22	23.28	25.00
5	QPSK	1	12	23.27	23.29	23.27	23.23	23.32	
5	QPSK	1	24	23.34	23.21	23.21	23.17	23.09	
5	QPSK	12	0	22.33	22.43	22.35	22.25	22.22	24
5	QPSK	12	7	22.32	22.35	22.36	22.30	22.16	
5	QPSK	12	13	22.32	22.35	22.23	22.27	22.20	
5	QPSK	25	0	22.24	22.32	22.32	22.27	22.10	
5	16QAM	1	0	22.34	22.31	22.16	22.17	22.16	24
5	16QAM	1	12	22.37	22.35	22.16	22.28	22.30	
5	16QAM	1	24	22.28	22.36	22.28	22.23	22.16	
5	16QAM	12	0	21.33	21.34	21.23	21.23	21.25	23
5	16QAM	12	7	21.33	21.39	21.35	21.32	21.26	
5	16QAM	12	13	21.33	21.40	21.16	21.26	21.21	
5	16QAM	25	0	21.28	21.35	21.28	21.25	21.15	
5	64QAM	1	0	21.19	21.21	21.14	21.10	21.12	23
5	64QAM	1	12	21.16	21.26	21.32	21.11	21.17	
5	64QAM	1	24	21.23	21.22	21.12	21.04	21.06	
5	64QAM	12	0	20.35	20.31	20.31	20.19	20.23	22
5	64QAM	12	7	20.24	20.42	20.33	20.29	20.27	
5	64QAM	12	13	20.28	20.39	20.22	20.37	20.21	
5	64QAM	25	0	20.29	20.36	20.26	20.22	20.12	
5	256QAM	1	0	18.14	18.08	18.08	18.14	18.09	20
5	256QAM	1	12	18.44	18.14	18.12	18.19	18.30	
5	256QAM	1	24	18.17	18.12	18.09	18.07	18.28	
5	256QAM	12	0	18.33	18.16	18.17	18.20	18.21	20
5	256QAM	12	7	18.38	18.20	18.14	18.26	18.32	
5	256QAM	12	13	18.29	18.13	18.18	18.21	18.22	
5	256QAM	25	0	18.33	18.05	18.13	18.24	18.27	

<LTE Band 41_Ant MIMO2_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.12	23.16	23.15	23.04	23.05	25
20	QPSK	1	49	23.07	23.11	23.10	23.01	23.00	
20	QPSK	1	99	23.03	23.07	23.06	23.15	23.04	
20	QPSK	50	0	22.20	22.24	22.23	22.12	22.13	24
20	QPSK	50	24	22.19	22.23	22.22	22.11	22.12	
20	QPSK	50	50	22.15	22.19	22.18	22.08	22.08	
20	QPSK	100	0	22.12	22.16	22.15	22.05	22.05	
20	16QAM	1	0	22.38	22.42	22.41	22.30	22.31	24
20	16QAM	1	49	22.33	22.37	22.36	22.25	22.26	
20	16QAM	1	99	22.29	22.33	22.32	22.21	22.22	
20	16QAM	50	0	21.49	21.53	21.52	21.42	21.43	23
20	16QAM	50	24	21.48	21.52	21.51	21.41	21.42	
20	16QAM	50	50	21.44	21.48	21.47	21.37	21.38	
20	16QAM	100	0	21.41	21.45	21.44	21.34	21.35	
20	64QAM	1	0	21.10	21.14	21.13	21.03	21.04	23
20	64QAM	1	49	21.05	21.09	21.08	21.18	21.09	
20	64QAM	1	99	21.02	21.06	21.05	21.05	21.06	
20	64QAM	50	0	20.26	20.30	20.29	20.19	20.20	22
20	64QAM	50	24	20.25	20.29	20.28	20.18	20.19	
20	64QAM	50	50	20.22	20.25	20.24	20.15	20.15	
20	64QAM	100	0	20.20	20.23	20.22	20.13	20.13	
20	256QAM	1	0	18.97	19.00	18.99	18.90	18.91	20
20	256QAM	1	49	18.93	18.96	18.95	18.86	18.87	
20	256QAM	1	99	18.90	18.93	18.92	18.83	18.84	
20	256QAM	50	0	18.22	18.25	18.24	18.16	18.16	20
20	256QAM	50	24	18.21	18.24	18.23	18.15	18.15	
20	256QAM	50	50	18.17	18.20	18.19	18.11	18.11	
20	256QAM	100	0	18.15	18.18	18.17	18.09	18.09	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.02	23.08	23.07	23.00	23.08	25.00
15	QPSK	1	37	23.01	23.06	23.00	23.01	23.05	
15	QPSK	1	74	23.07	23.07	23.06	23.06	23.05	
15	QPSK	36	0	22.15	22.14	22.16	22.06	22.08	24
15	QPSK	36	20	22.09	22.18	22.17	22.05	22.03	
15	QPSK	36	39	22.06	22.13	22.09	22.03	22.09	
15	QPSK	75	0	22.03	22.08	22.05	22.00	22.08	
15	16QAM	1	0	22.29	22.35	22.35	22.20	22.21	24
15	16QAM	1	37	22.25	22.30	22.31	22.15	22.20	
15	16QAM	1	74	22.22	22.27	22.25	22.15	22.17	
15	16QAM	36	0	21.39	21.44	21.44	21.33	21.34	23
15	16QAM	36	20	21.40	21.46	21.46	21.35	21.33	
15	16QAM	36	39	21.34	21.39	21.41	21.28	21.28	
15	16QAM	75	0	21.35	21.39	21.37	21.26	21.30	
15	64QAM	1	0	21.01	21.04	21.08	21.03	21.04	23
15	64QAM	1	37	21.05	21.01	21.08	21.12	21.02	
15	64QAM	1	74	21.06	21.06	21.05	21.00	21.06	
15	64QAM	36	0	20.20	20.20	20.23	20.13	20.13	22
15	64QAM	36	20	20.19	20.23	20.23	20.09	20.13	
15	64QAM	36	39	20.14	20.16	20.18	20.08	20.08	
15	64QAM	75	0	20.12	20.14	20.13	20.08	20.06	
15	256QAM	1	0	18.92	18.94	18.91	18.80	18.83	20
15	256QAM	1	37	18.86	18.90	18.89	18.80	18.78	
15	256QAM	1	74	18.84	18.88	18.85	18.74	18.78	
15	256QAM	36	0	18.13	18.15	18.14	18.06	18.09	20

15	256QAM	36	20	18.16	18.15	18.16	18.05	18.06	
15	256QAM	36	39	18.07	18.10	18.11	18.01	18.05	
15	256QAM	75	0	18.07	18.10	18.08	18.01	18.01	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.03	23.09	23.09	23.08	23.00	25.00
10	QPSK	1	25	23.00	23.03	23.05	23.03	23.05	
10	QPSK	1	49	23.00	23.00	23.09	23.06	23.04	
10	QPSK	25	0	22.11	22.14	22.18	22.03	22.05	24
10	QPSK	25	12	22.11	22.14	22.16	22.03	22.05	
10	QPSK	25	25	22.07	22.14	22.10	22.03	22.00	
10	QPSK	50	0	22.07	22.11	22.06	22.00	22.00	
10	16QAM	1	0	22.28	22.34	22.32	22.25	22.22	24
10	16QAM	1	25	22.27	22.30	22.26	22.20	22.17	
10	16QAM	1	49	22.22	22.23	22.25	22.14	22.13	
10	16QAM	25	0	21.40	21.46	21.45	21.35	21.35	23
10	16QAM	25	12	21.38	21.43	21.45	21.35	21.36	
10	16QAM	25	25	21.35	21.38	21.37	21.32	21.29	
10	16QAM	50	0	21.31	21.39	21.38	21.28	21.30	
10	64QAM	1	0	21.04	21.04	21.03	21.00	21.00	23
10	64QAM	1	25	21.00	21.00	21.00	21.13	21.01	
10	64QAM	1	49	21.00	21.00	21.00	21.00	21.00	
10	64QAM	25	0	20.17	20.21	20.20	20.13	20.13	22
10	64QAM	25	12	20.19	20.23	20.20	20.12	20.12	
10	64QAM	25	25	20.14	20.16	20.19	20.10	20.05	
10	64QAM	50	0	20.14	20.18	20.17	20.03	20.08	
10	256QAM	1	0	18.89	18.92	18.94	18.85	18.84	20
10	256QAM	1	25	18.88	18.87	18.85	18.80	18.79	
10	256QAM	1	49	18.85	18.83	18.82	18.75	18.76	
10	256QAM	25	0	18.12	18.18	18.15	18.11	18.11	20
10	256QAM	25	12	18.11	18.15	18.16	18.09	18.06	
10	256QAM	25	25	18.09	18.13	18.09	18.06	18.06	
10	256QAM	50	0	18.05	18.08	18.11	18.04	18.03	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	23.05	23.10	23.06	23.06	23.07	25.00
5	QPSK	1	12	23.00	23.03	23.01	23.00	23.00	
5	QPSK	1	24	23.00	23.00	23.00	23.05	23.00	
5	QPSK	12	0	22.10	22.14	22.15	22.05	22.03	24
5	QPSK	12	7	22.14	22.16	22.15	22.03	22.05	
5	QPSK	12	13	22.07	22.09	22.12	22.01	22.00	
5	QPSK	25	0	22.07	22.08	22.10	22.00	22.00	
5	16QAM	1	0	22.31	22.32	22.34	22.25	22.22	24
5	16QAM	1	12	22.24	22.29	22.30	22.19	22.18	
5	16QAM	1	24	22.19	22.24	22.25	22.15	22.13	
5	16QAM	12	0	21.39	21.45	21.43	21.32	21.35	23
5	16QAM	12	7	21.43	21.44	21.45	21.36	21.34	
5	16QAM	12	13	21.36	21.42	21.37	21.30	21.28	
5	16QAM	25	0	21.31	21.39	21.39	21.25	21.27	
5	64QAM	1	0	21.02	21.08	21.05	21.00	21.00	23
5	64QAM	1	12	21.00	21.04	21.03	21.13	21.01	
5	64QAM	1	24	21.00	21.01	21.00	21.00	21.00	
5	64QAM	12	0	20.16	20.22	20.21	20.09	20.12	22
5	64QAM	12	7	20.15	20.20	20.20	20.08	20.13	
5	64QAM	12	13	20.12	20.17	20.18	20.08	20.08	
5	64QAM	25	0	20.14	20.14	20.15	20.05	20.07	
5	256QAM	1	0	18.89	18.93	18.91	18.83	18.84	20
5	256QAM	1	12	18.84	18.87	18.86	18.79	18.82	
5	256QAM	1	24	18.81	18.87	18.85	18.76	18.76	
5	256QAM	12	0	18.13	18.20	18.18	18.08	18.11	20
5	256QAM	12	7	18.13	18.18	18.17	18.08	18.10	
5	256QAM	12	13	18.08	18.15	18.09	18.01	18.01	
5	256QAM	25	0	18.09	18.11	18.10	18.01	18.01	

<LTE Band 41_HPUE_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	25.31	25.41	25.25	25.15	25.16	27
20	QPSK	1	49	25.35	25.31	25.22	25.35	25.26	
20	QPSK	1	99	25.30	25.28	25.10	25.29	25.13	
20	QPSK	50	0	24.42	24.37	24.27	24.30	24.22	26
20	QPSK	50	24	24.36	24.40	24.31	24.42	24.25	
20	QPSK	50	50	24.37	24.40	24.21	24.42	24.26	
20	QPSK	100	0	24.31	24.37	24.24	24.37	24.21	
20	16QAM	1	0	24.63	24.58	24.37	24.57	24.46	26
20	16QAM	1	49	24.60	24.66	24.53	24.74	24.55	
20	16QAM	1	99	24.64	24.67	24.38	24.58	24.51	
20	16QAM	50	0	23.46	23.42	23.33	23.34	23.26	25
20	16QAM	50	24	23.40	23.45	23.36	23.46	23.32	
20	16QAM	50	50	23.40	23.44	23.23	23.44	23.29	
20	16QAM	100	0	23.36	23.36	23.26	23.42	23.24	
20	64QAM	1	0	23.53	23.52	23.34	23.31	23.40	25
20	64QAM	1	49	23.59	23.57	23.49	23.49	23.53	
20	64QAM	1	99	23.56	23.48	23.27	23.10	23.12	
20	64QAM	50	0	22.42	22.46	22.32	22.25	22.13	24
20	64QAM	50	24	22.41	22.46	22.33	22.06	22.30	
20	64QAM	50	50	22.39	22.45	22.22	22.02	22.21	
20	64QAM	100	0	22.38	22.37	22.27	22.02	22.20	
20	256QAM	1	0	20.34	20.23	20.28	20.28	20.24	22
20	256QAM	1	49	20.48	20.25	20.20	20.35	20.37	
20	256QAM	1	99	20.33	20.26	20.18	20.29	20.46	
20	256QAM	50	0	20.50	20.37	20.31	20.38	20.41	22
20	256QAM	50	24	20.50	20.28	20.35	20.46	20.44	
20	256QAM	50	50	20.49	20.17	20.15	20.38	20.34	
20	256QAM	100	0	20.45	20.24	20.27	20.39	20.43	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	25.20	25.28	25.29	25.20	25.18	27.00
15	QPSK	1	37	25.20	25.13	25.17	25.34	25.21	
15	QPSK	1	74	25.20	25.12	25.06	25.25	25.17	
15	QPSK	36	0	24.30	24.24	24.29	24.35	24.26	26
15	QPSK	36	20	24.17	24.24	24.27	24.41	24.26	
15	QPSK	36	39	24.20	24.28	24.26	24.38	24.21	
15	QPSK	75	0	24.19	24.25	24.21	24.41	24.22	
15	16QAM	1	0	24.44	24.38	24.40	24.58	24.43	26
15	16QAM	1	37	24.49	24.55	24.50	24.76	24.55	
15	16QAM	1	74	24.53	24.55	24.40	24.53	24.50	
15	16QAM	36	0	23.27	23.29	23.31	23.34	23.23	25
15	16QAM	36	20	23.25	23.30	23.37	23.43	23.30	
15	16QAM	36	39	23.30	23.29	23.28	23.45	23.30	
15	16QAM	75	0	23.19	23.18	23.25	23.37	23.29	
15	64QAM	1	0	23.39	23.41	23.31	23.36	23.35	25
15	64QAM	1	37	23.45	23.39	23.54	23.51	23.48	
15	64QAM	1	74	23.41	23.30	23.28	23.15	23.07	
15	64QAM	36	0	22.32	22.33	22.28	22.29	22.17	24
15	64QAM	36	20	22.29	22.34	22.28	22.01	22.34	
15	64QAM	36	39	22.24	22.29	22.27	22.01	22.26	
15	64QAM	75	0	22.28	22.17	22.29	22.15	22.15	
15	256QAM	1	0	20.24	20.10	20.16	20.17	20.14	22
15	256QAM	1	37	20.34	20.05	20.06	20.20	20.22	
15	256QAM	1	74	20.18	20.13	20.03	20.13	20.33	
15	256QAM	36	0	20.36	20.20	20.12	20.20	20.30	22

15	256QAM	36	20	20.39	20.15	20.17	20.36	20.28	
15	256QAM	36	39	20.33	20.07	20.17	20.22	20.15	
15	256QAM	75	0	20.34	20.13	20.14	20.25	20.33	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	25.11	25.25	25.26	25.17	25.12	27.00
10	QPSK	1	25	25.24	25.21	25.23	25.33	25.27	
10	QPSK	1	49	25.20	25.08	25.14	25.25	25.13	
10	QPSK	25	0	24.29	24.27	24.26	24.31	24.22	26
10	QPSK	25	12	24.16	24.24	24.29	24.38	24.26	
10	QPSK	25	25	24.27	24.27	24.20	24.46	24.26	
10	QPSK	50	0	24.12	24.23	24.24	24.32	24.17	
10	16QAM	1	0	24.53	24.39	24.34	24.61	24.41	26
10	16QAM	1	25	24.43	24.56	24.58	24.75	24.53	
10	16QAM	1	49	24.52	24.55	24.37	24.59	24.46	
10	16QAM	25	0	23.29	23.24	23.37	23.36	23.26	25
10	16QAM	25	12	23.29	23.32	23.38	23.48	23.29	
10	16QAM	25	25	23.20	23.31	23.21	23.42	23.30	
10	16QAM	50	0	23.25	23.16	23.25	23.46	23.19	
10	64QAM	1	0	23.43	23.42	23.36	23.33	23.45	25
10	64QAM	1	25	23.46	23.37	23.48	23.53	23.55	
10	64QAM	1	49	23.45	23.33	23.29	23.07	23.10	
10	64QAM	25	0	22.31	22.27	22.30	22.20	22.14	24
10	64QAM	25	12	22.31	22.33	22.30	22.10	22.34	
10	64QAM	25	25	22.26	22.34	22.19	22.08	22.21	
10	64QAM	50	0	22.27	22.21	22.24	22.04	22.20	
10	256QAM	1	0	20.23	20.13	20.13	20.16	20.12	22
10	256QAM	1	25	20.38	20.08	20.08	20.18	20.18	
10	256QAM	1	49	20.13	20.14	20.18	20.16	20.30	
10	256QAM	25	0	20.34	20.20	20.20	20.27	20.26	22
10	256QAM	25	12	20.37	20.14	20.15	20.29	20.30	
10	256QAM	25	25	20.36	20.03	20.04	20.24	20.24	
10	256QAM	50	0	20.26	20.11	20.11	20.24	20.27	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	25.11	25.24	25.20	25.14	25.21	27.00
5	QPSK	1	12	25.24	25.18	25.18	25.31	25.24	
5	QPSK	1	24	25.19	25.12	25.12	25.33	25.18	
5	QPSK	12	0	24.24	24.19	24.27	24.27	24.17	26
5	QPSK	12	7	24.20	24.21	24.35	24.39	24.26	
5	QPSK	12	13	24.25	24.23	24.21	24.45	24.25	
5	QPSK	25	0	24.21	24.19	24.20	24.32	24.16	
5	16QAM	1	0	24.49	24.42	24.33	24.62	24.44	26
5	16QAM	1	12	24.42	24.53	24.57	24.75	24.54	
5	16QAM	1	24	24.52	24.56	24.40	24.62	24.53	
5	16QAM	12	0	23.26	23.25	23.36	23.38	23.23	25
5	16QAM	12	7	23.28	23.33	23.38	23.45	23.30	
5	16QAM	12	13	23.28	23.30	23.25	23.45	23.25	
5	16QAM	25	0	23.23	23.25	23.29	23.39	23.24	
5	64QAM	1	0	23.35	23.32	23.38	23.34	23.41	25
5	64QAM	1	12	23.48	23.47	23.53	23.51	23.54	
5	64QAM	1	24	23.45	23.36	23.25	23.12	23.14	
5	64QAM	12	0	22.24	22.26	22.30	22.29	22.13	24
5	64QAM	12	7	22.27	22.32	22.31	22.03	22.34	
5	64QAM	12	13	22.28	22.31	22.22	22.04	22.26	
5	64QAM	25	0	22.26	22.20	22.25	22.00	22.20	
5	256QAM	1	0	20.24	20.13	20.15	20.16	20.13	22
5	256QAM	1	12	20.28	20.10	20.08	20.21	20.25	
5	256QAM	1	24	20.16	20.13	20.06	20.19	20.31	
5	256QAM	12	0	20.32	20.23	20.16	20.19	20.24	22
5	256QAM	12	7	20.34	20.17	20.20	20.26	20.34	
5	256QAM	12	13	20.30	20.19	20.19	20.27	20.17	
5	256QAM	25	0	20.29	20.14	20.12	20.22	20.24	

<LTE Band 41_HPUE_Ant MIMO2_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	25.17	25.18	25.16	25.11	25.13	27
20	QPSK	1	49	25.12	25.13	25.11	25.06	25.08	
20	QPSK	1	99	25.07	25.08	25.06	25.01	25.03	
20	QPSK	50	0	24.17	24.18	24.16	24.11	24.13	26
20	QPSK	50	24	24.16	24.17	24.15	24.10	24.12	
20	QPSK	50	50	24.12	24.13	24.11	24.06	24.08	
20	QPSK	100	0	24.08	24.09	24.07	24.02	24.04	
20	16QAM	1	0	24.37	24.38	24.36	24.31	24.33	26
20	16QAM	1	49	24.31	24.32	24.30	24.25	24.27	
20	16QAM	1	99	24.27	24.28	24.26	24.21	24.23	
20	16QAM	50	0	23.40	23.41	23.39	23.34	23.36	25
20	16QAM	50	24	23.39	23.40	23.38	23.33	23.35	
20	16QAM	50	50	23.34	23.35	23.33	23.29	23.30	
20	16QAM	100	0	23.31	23.32	23.30	23.26	23.27	
20	64QAM	1	0	23.27	23.28	23.26	23.22	23.23	25
20	64QAM	1	49	23.22	23.23	23.21	23.17	23.18	
20	64QAM	1	99	23.19	23.20	23.18	23.14	23.15	
20	64QAM	50	0	22.06	22.07	22.05	22.01	22.03	24
20	64QAM	50	24	22.05	22.06	22.04	22.00	22.02	
20	64QAM	50	50	22.01	22.02	22.00	22.06	22.08	
20	64QAM	100	0	22.08	22.09	22.07	22.03	22.05	
20	256QAM	1	0	20.65	20.66	20.64	20.60	20.62	22
20	256QAM	1	49	20.60	20.61	20.59	20.55	20.57	
20	256QAM	1	99	20.57	20.58	20.56	20.52	20.54	
20	256QAM	50	0	20.23	20.24	20.22	20.18	20.20	22
20	256QAM	50	24	20.22	20.23	20.21	20.17	20.19	
20	256QAM	50	50	20.18	20.19	20.17	20.13	20.15	
20	256QAM	100	0	20.16	20.17	20.15	20.11	20.13	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	25.12	25.14	25.12	25.06	25.08	27.00
15	QPSK	1	37	25.09	25.09	25.06	25.02	25.05	
15	QPSK	1	74	25.03	25.03	25.03	25.06	25.09	
15	QPSK	36	0	24.12	24.15	24.11	24.07	24.09	26
15	QPSK	36	20	24.11	24.12	24.10	24.07	24.09	
15	QPSK	36	39	24.07	24.09	24.07	24.01	24.04	
15	QPSK	75	0	24.03	24.04	24.02	24.00	24.00	
15	16QAM	1	0	24.33	24.35	24.32	24.28	24.29	26
15	16QAM	1	37	24.28	24.29	24.27	24.20	24.23	
15	16QAM	1	74	24.23	24.23	24.23	24.16	24.20	
15	16QAM	36	0	23.37	23.38	23.36	23.29	23.32	25
15	16QAM	36	20	23.34	23.35	23.35	23.28	23.30	
15	16QAM	36	39	23.30	23.31	23.30	23.25	23.27	
15	16QAM	75	0	23.28	23.27	23.26	23.21	23.24	
15	64QAM	1	0	23.22	23.23	23.23	23.18	23.20	25
15	64QAM	1	37	23.18	23.20	23.17	23.14	23.15	
15	64QAM	1	74	23.16	23.16	23.15	23.09	23.11	
15	64QAM	36	0	22.03	22.02	22.00	22.00	22.00	24
15	64QAM	36	20	22.02	22.03	22.00	22.00	22.00	
15	64QAM	36	39	22.00	22.00	22.00	22.01	22.03	
15	64QAM	75	0	22.05	22.06	22.03	22.00	22.02	
15	256QAM	1	0	20.60	20.62	20.61	20.57	20.59	22
15	256QAM	1	37	20.55	20.58	20.56	20.52	20.54	
15	256QAM	1	74	20.52	20.53	20.53	20.49	20.49	
15	256QAM	36	0	20.19	20.20	20.17	20.13	20.15	22

15	256QAM	36	20	20.17	20.19	20.16	20.12	20.15	
15	256QAM	36	39	20.15	20.16	20.13	20.08	20.12	
15	256QAM	75	0	20.11	20.12	20.11	20.06	20.10	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	25.12	25.15	25.13	25.06	25.08	27.00
10	QPSK	1	25	25.08	25.10	25.08	25.01	25.03	
10	QPSK	1	49	25.02	25.05	25.01	25.00	25.00	
10	QPSK	25	0	24.14	24.14	24.12	24.07	24.10	26
10	QPSK	25	12	24.13	24.12	24.11	24.05	24.09	
10	QPSK	25	25	24.09	24.08	24.06	24.02	24.05	
10	QPSK	50	0	24.05	24.05	24.02	24.00	24.01	
10	16QAM	1	0	24.32	24.33	24.33	24.26	24.29	26
10	16QAM	1	25	24.27	24.29	24.27	24.22	24.22	
10	16QAM	1	49	24.22	24.24	24.22	24.17	24.18	
10	16QAM	25	0	23.36	23.36	23.34	23.31	23.31	25
10	16QAM	25	12	23.36	23.37	23.33	23.29	23.30	
10	16QAM	25	25	23.31	23.32	23.30	23.26	23.27	
10	16QAM	50	0	23.27	23.27	23.25	23.21	23.24	
10	64QAM	1	0	23.22	23.23	23.23	23.18	23.18	25
10	64QAM	1	25	23.19	23.18	23.16	23.12	23.13	
10	64QAM	1	49	23.15	23.16	23.13	23.11	23.11	
10	64QAM	25	0	22.02	22.02	22.01	22.00	22.00	24
10	64QAM	25	12	22.01	22.03	22.00	22.00	22.00	
10	64QAM	25	25	22.00	22.00	22.00	22.02	22.05	
10	64QAM	50	0	22.03	22.04	22.02	22.00	22.00	
10	256QAM	1	0	20.60	20.62	20.60	20.55	20.59	22
10	256QAM	1	25	20.56	20.56	20.55	20.50	20.53	
10	256QAM	1	49	20.52	20.55	20.51	20.49	20.50	
10	256QAM	25	0	20.20	20.20	20.18	20.15	20.15	22
10	256QAM	25	12	20.17	20.20	20.16	20.14	20.16	
10	256QAM	25	25	20.13	20.14	20.14	20.09	20.10	
10	256QAM	50	0	20.13	20.14	20.12	20.06	20.08	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	25.13	25.14	25.12	25.06	25.10	27.00
5	QPSK	1	12	25.07	25.08	25.08	25.03	25.03	
5	QPSK	1	24	25.02	25.04	25.02	25.00	25.00	
5	QPSK	12	0	24.14	24.14	24.11	24.06	24.09	26
5	QPSK	12	7	24.12	24.14	24.11	24.07	24.08	
5	QPSK	12	13	24.09	24.10	24.08	24.01	24.04	
5	QPSK	25	0	24.04	24.05	24.04	25.00	24.01	
5	16QAM	1	0	24.33	24.33	24.31	24.28	24.30	26
5	16QAM	1	12	24.26	24.28	24.26	24.20	24.24	
5	16QAM	1	24	24.22	24.24	24.21	24.17	24.20	
5	16QAM	12	0	23.36	23.38	23.34	23.29	23.33	25
5	16QAM	12	7	23.34	23.37	23.33	23.28	23.32	
5	16QAM	12	13	23.29	23.32	23.29	23.25	23.27	
5	16QAM	25	0	23.28	23.27	23.25	23.21	23.22	
5	64QAM	1	0	23.24	23.24	23.23	23.17	23.19	25
5	64QAM	1	12	23.17	23.18	23.18	23.12	23.13	
5	64QAM	1	24	23.14	23.17	23.14	23.10	23.11	
5	64QAM	12	0	22.02	22.02	22.00	22.00	22.00	24
5	64QAM	12	7	22.02	22.02	22.00	22.00	22.00	
5	64QAM	12	13	22.00	22.00	22.00	22.03	22.05	
5	64QAM	25	0	22.05	22.05	22.04	22.00	22.00	
5	256QAM	1	0	20.62	20.63	20.59	20.57	20.58	22
5	256QAM	1	12	20.55	20.58	20.56	20.51	20.53	
5	256QAM	1	24	20.52	20.55	20.53	20.47	20.49	
5	256QAM	12	0	20.19	20.21	20.19	20.15	20.17	22
5	256QAM	12	7	20.17	20.19	20.16	20.14	20.15	
5	256QAM	12	13	20.15	20.14	20.13	20.08	20.11	
5	256QAM	25	0	20.11	20.12	20.10	20.07	20.10	

<LTE Band 42_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	22.99	23.08	23.02	24.5
20	QPSK	1	49	22.93	22.99	22.89	
20	QPSK	1	99	22.84	22.89	22.78	
20	QPSK	50	0	22.05	22.01	22.04	23.5
20	QPSK	50	24	22.02	21.97	21.99	
20	QPSK	50	50	21.93	21.93	21.90	
20	QPSK	100	0	21.98	21.92	21.94	
20	16QAM	1	0	22.02	22.02	22.02	23.5
20	16QAM	1	49	21.94	21.96	21.90	
20	16QAM	1	99	21.79	21.91	21.74	
20	16QAM	50	0	20.97	21.02	21.05	22.5
20	16QAM	50	24	21.04	20.96	20.98	
20	16QAM	50	50	20.92	20.95	20.94	
20	16QAM	100	0	20.97	20.94	20.95	
20	64QAM	1	0	20.88	20.94	20.92	22.5
20	64QAM	1	49	20.95	21.01	20.92	
20	64QAM	1	99	20.68	20.80	20.80	
20	64QAM	50	0	19.96	19.98	20.05	21.5
20	64QAM	50	24	20.01	19.98	20.03	
20	64QAM	50	50	19.93	19.99	19.94	
20	64QAM	100	0	19.95	19.94	19.94	
20	256QAM	1	0	17.94	17.89	17.92	19.5
20	256QAM	1	49	17.89	17.84	17.91	
20	256QAM	1	99	17.88	17.90	17.85	
20	256QAM	50	0	17.80	17.80	17.80	19.5
20	256QAM	50	24	17.87	17.76	17.87	
20	256QAM	50	50	17.77	17.80	17.77	
20	256QAM	100	0	17.89	17.89	17.89	
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	22.89	22.97	22.90	24.5
15	QPSK	1	37	22.82	22.85	22.69	
15	QPSK	1	74	22.68	22.78	22.60	
15	QPSK	36	0	21.88	21.88	21.91	23.5
15	QPSK	36	20	21.87	21.77	21.88	
15	QPSK	36	39	21.78	21.78	21.72	
15	QPSK	75	0	21.80	21.79	21.77	
15	16QAM	1	0	21.91	21.82	21.87	23.5
15	16QAM	1	37	21.79	21.82	21.74	
15	16QAM	1	74	21.62	21.72	21.56	
15	16QAM	36	0	20.87	20.82	20.85	22.5
15	16QAM	36	20	20.94	20.81	20.83	
15	16QAM	36	39	20.80	20.81	20.84	
15	16QAM	75	0	20.82	20.81	20.85	
15	64QAM	1	0	20.74	20.81	20.76	22.5
15	64QAM	1	37	20.82	20.89	20.77	
15	64QAM	1	74	20.55	20.68	20.64	
15	64QAM	36	0	19.83	19.87	19.90	21.5
15	64QAM	36	20	19.83	19.78	19.86	
15	64QAM	36	39	19.75	19.89	19.82	
15	64QAM	75	0	19.83	19.77	19.79	
15	256QAM	1	0	17.75	17.69	17.75	19.5
15	256QAM	1	37	17.71	17.65	17.76	
15	256QAM	1	74	17.78	17.77	17.66	
15	256QAM	36	0	17.69	17.70	17.68	19.5

15	256QAM	36	20	17.75	17.59	17.74	
15	256QAM	36	39	17.66	17.62	17.62	
15	256QAM	75	0	17.72	17.79	17.74	
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	22.79	22.96	22.83	24.5
10	QPSK	1	25	22.79	22.83	22.73	
10	QPSK	1	49	22.72	22.78	22.59	
10	QPSK	25	0	21.90	21.82	21.88	23.5
10	QPSK	25	12	21.87	21.80	21.82	
10	QPSK	25	25	21.80	21.73	21.78	
10	QPSK	50	0	21.80	21.80	21.77	
10	16QAM	1	0	21.85	21.91	21.85	23.5
10	16QAM	1	25	21.83	21.78	21.76	
10	16QAM	1	49	21.59	21.81	21.54	
10	16QAM	25	0	20.77	20.92	20.90	22.5
10	16QAM	25	12	20.88	20.86	20.85	
10	16QAM	25	25	20.74	20.82	20.82	
10	16QAM	50	0	20.77	20.80	20.84	
10	64QAM	1	0	20.73	20.76	20.76	22.5
10	64QAM	1	25	20.83	20.83	20.74	
10	64QAM	1	49	20.53	20.60	20.64	
10	64QAM	25	0	19.76	19.80	19.89	21.5
10	64QAM	25	12	19.81	19.83	19.93	
10	64QAM	25	25	19.82	19.86	19.83	
10	64QAM	50	0	19.76	19.81	19.74	
10	256QAM	1	0	17.77	17.71	17.80	19.5
10	256QAM	1	25	17.75	17.66	17.71	
10	256QAM	1	49	17.71	17.72	17.69	
10	256QAM	25	0	17.70	17.66	17.66	19.5
10	256QAM	25	12	17.71	17.57	17.68	
10	256QAM	25	25	17.60	17.60	17.64	
10	256QAM	50	0	17.70	17.73	17.72	
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	22.84	22.95	22.90	24.5
5	QPSK	1	12	22.76	22.86	22.76	
5	QPSK	1	24	22.68	22.79	22.65	
5	QPSK	12	0	21.87	21.87	21.92	23.5
5	QPSK	12	7	21.88	21.82	21.86	
5	QPSK	12	13	21.83	21.80	21.73	
5	QPSK	25	0	21.82	21.78	21.84	
5	16QAM	1	0	21.91	21.88	21.88	23.5
5	16QAM	1	12	21.79	21.86	21.79	
5	16QAM	1	24	21.60	21.74	21.64	
5	16QAM	12	0	20.84	20.84	20.85	22.5
5	16QAM	12	7	20.91	20.79	20.83	
5	16QAM	12	13	20.74	20.76	20.75	
5	16QAM	25	0	20.82	20.78	20.76	
5	64QAM	1	0	20.71	20.84	20.77	22.5
5	64QAM	1	12	20.82	20.86	20.82	
5	64QAM	1	24	20.51	20.65	20.60	
5	64QAM	12	0	19.83	19.88	19.94	21.5
5	64QAM	12	7	19.86	19.83	19.89	
5	64QAM	12	13	19.76	19.81	19.80	
5	64QAM	25	0	19.75	19.74	19.83	
5	256QAM	1	0	17.82	17.78	17.80	19.5
5	256QAM	1	12	17.75	17.65	17.80	
5	256QAM	1	24	17.72	17.80	17.72	
5	256QAM	12	0	17.66	17.70	17.62	19.5
5	256QAM	12	7	17.75	17.66	17.68	
5	256QAM	12	13	17.64	17.64	17.60	
5	256QAM	25	0	17.78	17.71	17.79	

<LTE Band 42_Ant MIMO2_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	23.83	23.85	23.70	24.5
20	QPSK	1	49	23.78	23.80	23.65	
20	QPSK	1	99	23.74	23.76	23.61	
20	QPSK	50	0	22.88	22.90	22.76	23.5
20	QPSK	50	24	22.89	22.91	22.77	
20	QPSK	50	50	22.92	22.94	22.80	
20	QPSK	100	0	22.85	22.87	22.73	
20	16QAM	1	0	23.22	23.24	23.09	23.5
20	16QAM	1	49	23.17	23.19	23.04	
20	16QAM	1	99	23.13	23.15	23.00	
20	16QAM	50	0	22.29	22.31	22.17	22.5
20	16QAM	50	24	22.30	22.32	22.18	
20	16QAM	50	50	22.33	22.35	22.21	
20	16QAM	100	0	22.27	22.29	22.15	
20	64QAM	1	0	22.00	22.02	21.88	22.5
20	64QAM	1	49	21.95	21.97	21.83	
20	64QAM	1	99	21.92	21.94	21.80	
20	64QAM	50	0	21.12	21.14	21.01	21.5
20	64QAM	50	24	21.13	21.15	21.02	
20	64QAM	50	50	21.16	21.18	21.05	
20	64QAM	100	0	21.10	21.12	20.99	
20	256QAM	1	0	18.75	18.77	18.65	19.5
20	256QAM	1	49	18.71	18.73	18.61	
20	256QAM	1	99	18.68	18.70	18.58	
20	256QAM	50	0	18.00	18.02	17.91	19.5
20	256QAM	50	24	18.01	18.03	17.92	
20	256QAM	50	50	18.03	18.05	17.94	
20	256QAM	100	0	17.98	18.00	17.89	
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	23.64	23.71	23.55	24.5
15	QPSK	1	37	23.58	23.65	23.46	
15	QPSK	1	74	23.56	23.65	23.48	
15	QPSK	36	0	22.70	22.74	22.65	23.5
15	QPSK	36	20	22.71	22.73	22.67	
15	QPSK	36	39	22.82	22.77	22.61	
15	QPSK	75	0	22.66	22.75	22.54	
15	16QAM	1	0	23.04	23.10	22.94	23.5
15	16QAM	1	37	22.98	23.03	22.94	
15	16QAM	1	74	23.01	22.99	22.81	
15	16QAM	36	0	22.15	22.21	22.00	22.5
15	16QAM	36	20	22.16	22.22	22.03	
15	16QAM	36	39	22.15	22.17	22.06	
15	16QAM	75	0	22.11	22.12	22.00	
15	64QAM	1	0	21.89	21.91	21.77	22.5
15	64QAM	1	37	21.80	21.81	21.68	
15	64QAM	1	74	21.76	21.74	21.63	
15	64QAM	36	0	21.01	21.04	20.90	21.5
15	64QAM	36	20	20.95	21.05	20.85	
15	64QAM	36	39	21.03	21.04	20.87	
15	64QAM	75	0	20.98	20.96	20.79	
15	256QAM	1	0	18.57	18.63	18.55	19.5
15	256QAM	1	37	18.59	18.63	18.48	
15	256QAM	1	74	18.53	18.53	18.45	
15	256QAM	36	0	17.89	17.87	17.79	19.5

15	256QAM	36	20	17.86	17.84	17.80	
15	256QAM	36	39	17.87	17.90	17.75	
15	256QAM	75	0	17.87	17.88	17.76	
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	23.66	23.71	23.57	24.5
10	QPSK	1	25	23.67	23.68	23.50	
10	QPSK	1	49	23.64	23.64	23.51	
10	QPSK	25	0	22.78	22.75	22.62	23.5
10	QPSK	25	12	22.79	22.74	22.66	
10	QPSK	25	25	22.78	22.79	22.63	
10	QPSK	50	0	22.73	22.72	22.60	
10	16QAM	1	0	23.04	23.14	22.95	23.5
10	16QAM	1	25	23.03	23.01	22.90	
10	16QAM	1	49	22.98	22.99	22.86	
10	16QAM	25	0	22.13	22.12	21.97	22.5
10	16QAM	25	12	22.12	22.16	22.02	
10	16QAM	25	25	22.21	22.24	22.04	
10	16QAM	50	0	22.17	22.16	22.00	
10	64QAM	1	0	21.89	21.92	21.75	22.5
10	64QAM	1	25	21.77	21.82	21.70	
10	64QAM	1	49	21.79	21.81	21.64	
10	64QAM	25	0	20.97	20.95	20.89	21.5
10	64QAM	25	12	21.02	21.04	20.91	
10	64QAM	25	25	21.04	21.03	20.94	
10	64QAM	50	0	21.00	20.98	20.87	
10	256QAM	1	0	18.65	18.60	18.45	19.5
10	256QAM	1	25	18.59	18.59	18.51	
10	256QAM	1	49	18.54	18.52	18.46	
10	256QAM	25	0	17.87	17.86	17.80	19.5
10	256QAM	25	12	17.81	17.90	17.80	
10	256QAM	25	25	17.83	17.86	17.76	
10	256QAM	50	0	17.81	17.81	17.70	
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	23.66	23.70	23.58	24.5
5	QPSK	1	12	23.67	23.64	23.51	
5	QPSK	1	24	23.59	23.58	23.45	
5	QPSK	12	0	22.75	22.76	22.56	23.5
5	QPSK	12	7	22.72	22.72	22.61	
5	QPSK	12	13	22.81	22.75	22.66	
5	QPSK	25	0	22.75	22.68	22.54	
5	16QAM	1	0	23.02	23.07	22.98	23.5
5	16QAM	1	12	23.04	23.08	22.86	
5	16QAM	1	24	22.99	22.97	22.89	
5	16QAM	12	0	22.14	22.19	21.98	22.5
5	16QAM	12	7	22.15	22.13	22.08	
5	16QAM	12	13	22.17	22.23	22.03	
5	16QAM	25	0	22.08	22.19	22.00	
5	64QAM	1	0	21.86	21.89	21.75	22.5
5	64QAM	1	12	21.83	21.79	21.63	
5	64QAM	1	24	21.74	21.77	21.63	
5	64QAM	12	0	20.96	21.04	20.88	21.5
5	64QAM	12	7	20.96	21.02	20.86	
5	64QAM	12	13	21.02	21.04	20.93	
5	64QAM	25	0	20.92	20.94	20.79	
5	256QAM	1	0	18.64	18.66	18.53	19.5
5	256QAM	1	12	18.57	18.61	18.46	
5	256QAM	1	24	18.49	18.59	18.40	
5	256QAM	12	0	17.81	17.91	17.72	19.5
5	256QAM	12	7	17.82	17.92	17.77	
5	256QAM	12	13	17.89	17.95	17.83	
5	256QAM	25	0	17.78	17.86	17.75	

<LTE Band 43_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43690	44090	44490	
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	23.03	23.04	23.02	24.5
20	QPSK	1	49	22.93	22.90	22.89	
20	QPSK	1	99	22.73	22.80	22.71	
20	QPSK	50	0	22.04	22.08	22.07	23.5
20	QPSK	50	24	21.98	22.01	21.99	
20	QPSK	50	50	21.87	21.85	21.88	
20	QPSK	100	0	21.94	21.96	21.94	
20	16QAM	1	0	22.06	22.02	22.01	23.5
20	16QAM	1	49	21.98	21.93	21.95	
20	16QAM	1	99	21.71	21.74	21.81	
20	16QAM	50	0	21.09	21.07	21.08	22.5
20	16QAM	50	24	20.99	21.03	21.02	
20	16QAM	50	50	20.90	20.90	20.91	
20	16QAM	100	0	20.98	20.98	20.98	
20	64QAM	1	0	20.99	21.05	21.00	22.5
20	64QAM	1	49	20.86	20.88	20.92	
20	64QAM	1	99	20.79	20.67	20.69	
20	64QAM	50	0	20.05	20.08	20.05	21.5
20	64QAM	50	24	19.99	20.03	20.00	
20	64QAM	50	50	19.91	19.87	19.88	
20	64QAM	100	0	19.97	19.98	19.95	
20	256QAM	1	0	17.76	17.78	17.79	19.5
20	256QAM	1	49	17.86	17.85	17.85	
20	256QAM	1	99	17.85	17.84	17.86	
20	256QAM	50	0	17.91	17.91	17.88	19.5
20	256QAM	50	24	17.92	17.90	17.91	
20	256QAM	50	50	17.93	17.89	17.89	
20	256QAM	100	0	17.92	17.86	17.86	
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	22.91	22.84	22.84	24.5
15	QPSK	1	37	22.75	22.70	22.78	
15	QPSK	1	74	22.53	22.65	22.54	
15	QPSK	36	0	21.87	21.93	21.93	23.5
15	QPSK	36	20	21.80	21.84	21.81	
15	QPSK	36	39	21.77	21.71	21.76	
15	QPSK	75	0	21.77	21.85	21.84	
15	16QAM	1	0	21.91	21.91	21.87	23.5
15	16QAM	1	37	21.87	21.83	21.83	
15	16QAM	1	74	21.52	21.54	21.63	
15	16QAM	36	0	20.97	20.89	20.94	22.5
15	16QAM	36	20	20.86	20.91	20.86	
15	16QAM	36	39	20.71	20.76	20.80	
15	16QAM	75	0	20.80	20.86	20.87	
15	64QAM	1	0	20.79	20.91	20.83	22.5
15	64QAM	1	37	20.76	20.73	20.72	
15	64QAM	1	74	20.66	20.54	20.57	
15	64QAM	36	0	19.92	19.93	19.89	21.5
15	64QAM	36	20	19.82	19.89	19.85	
15	64QAM	36	39	19.74	19.75	19.69	

15	64QAM	75	0	19.81	19.87	19.79	
15	256QAM	1	0	17.71	17.70	17.71	19.5
15	256QAM	1	37	17.81	17.80	17.79	
15	256QAM	1	74	17.80	17.79	17.78	
15	256QAM	36	0	17.84	17.85	17.79	19.5
15	256QAM	36	20	17.86	17.82	17.84	
15	256QAM	36	39	17.85	17.83	17.82	
15	256QAM	75	0	17.84	17.77	17.81	
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	22.86	22.92	22.83	24.5
10	QPSK	1	25	22.73	22.77	22.76	
10	QPSK	1	49	22.63	22.63	22.52	
10	QPSK	25	0	21.85	21.95	21.93	23.5
10	QPSK	25	12	21.85	21.91	21.83	
10	QPSK	25	25	21.67	21.71	21.68	
10	QPSK	50	0	21.79	21.83	21.74	
10	16QAM	1	0	21.86	21.85	21.83	23.5
10	16QAM	1	25	21.88	21.77	21.81	
10	16QAM	1	49	21.56	21.61	21.67	
10	16QAM	25	0	20.95	20.97	20.92	22.5
10	16QAM	25	12	20.89	20.87	20.87	
10	16QAM	25	25	20.73	20.78	20.79	
10	16QAM	50	0	20.82	20.84	20.87	
10	64QAM	1	0	20.79	20.90	20.86	22.5
10	64QAM	1	25	20.70	20.74	20.74	
10	64QAM	1	49	20.68	20.60	20.60	
10	64QAM	25	0	19.85	19.90	19.92	21.5
10	64QAM	25	12	19.89	19.90	19.81	
10	64QAM	25	25	19.75	19.73	19.76	
10	64QAM	50	0	19.80	19.83	19.85	
10	256QAM	1	0	17.67	17.71	17.74	19.5
10	256QAM	1	25	17.81	17.77	17.78	
10	256QAM	1	49	17.76	17.77	17.79	
10	256QAM	25	0	17.83	17.85	17.79	19.5
10	256QAM	25	12	17.85	17.82	17.84	
10	256QAM	25	25	17.88	17.82	17.81	
10	256QAM	50	0	17.85	17.78	17.80	
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	22.90	22.87	22.86	24.5
5	QPSK	1	12	22.76	22.77	22.70	
5	QPSK	1	24	22.54	22.62	22.57	
5	QPSK	12	0	21.87	21.98	21.89	23.5
5	QPSK	12	7	21.81	21.82	21.83	
5	QPSK	12	13	21.71	21.65	21.74	
5	QPSK	25	0	21.76	21.82	21.83	
5	16QAM	1	0	21.94	21.91	21.86	23.5
5	16QAM	1	12	21.82	21.83	21.78	
5	16QAM	1	24	21.57	21.55	21.63	
5	16QAM	12	0	20.90	20.96	20.92	22.5
5	16QAM	12	7	20.80	20.88	20.83	
5	16QAM	12	13	20.70	20.73	20.71	
5	16QAM	25	0	20.78	20.80	20.78	
5	64QAM	1	0	20.87	20.88	20.83	22.5
5	64QAM	1	12	20.66	20.78	20.79	

5	64QAM	1	24	20.69	20.60	20.57	
5	64QAM	12	0	19.94	19.93	19.93	21.5
5	64QAM	12	7	19.86	19.88	19.90	
5	64QAM	12	13	19.81	19.75	19.71	
5	64QAM	25	0	19.81	19.79	19.77	
5	256QAM	1	0	17.69	17.70	17.72	19.5
5	256QAM	1	12	17.78	17.77	17.80	
5	256QAM	1	24	17.77	17.77	17.80	
5	256QAM	12	0	17.85	17.83	17.80	19.5
5	256QAM	12	7	17.83	17.85	17.84	
5	256QAM	12	13	17.86	17.81	17.82	
5	256QAM	25	0	17.87	17.77	17.77	

<LTE Band 43_Ant MIMO2_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43690	44090	44490	
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	23.28	23.36	23.15	24.5
20	QPSK	1	49	23.22	23.30	23.09	
20	QPSK	1	99	23.24	23.32	23.11	
20	QPSK	50	0	22.42	22.50	22.30	23.5
20	QPSK	50	24	22.43	22.51	22.31	
20	QPSK	50	50	22.40	22.48	22.28	
20	QPSK	100	0	22.40	22.48	22.28	
20	16QAM	1	0	22.64	22.72	22.52	23.5
20	16QAM	1	49	22.58	22.66	22.46	
20	16QAM	1	99	22.60	22.68	22.48	
20	16QAM	50	0	21.81	21.88	21.68	22.5
20	16QAM	50	24	21.82	21.89	21.69	
20	16QAM	50	50	21.79	21.86	21.66	
20	16QAM	100	0	21.79	21.86	21.66	
20	64QAM	1	0	21.40	21.47	21.28	22.5
20	64QAM	1	49	21.34	21.41	21.22	
20	64QAM	1	99	21.36	21.43	21.24	
20	64QAM	50	0	20.61	20.68	20.49	21.5
20	64QAM	50	24	20.62	20.69	20.50	
20	64QAM	50	50	20.59	20.66	20.47	
20	64QAM	100	0	20.59	20.66	20.47	
20	256QAM	1	0	18.32	18.38	18.21	19.5
20	256QAM	1	49	18.27	18.33	18.17	
20	256QAM	1	99	18.29	18.35	18.19	
20	256QAM	50	0	17.64	17.70	17.54	19.5
20	256QAM	50	24	17.65	17.71	17.55	
20	256QAM	50	50	17.63	17.69	17.53	
20	256QAM	100	0	17.63	17.69	17.53	
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	23.23	23.29	23.10	24.5
15	QPSK	1	37	23.16	23.22	23.02	
15	QPSK	1	74	23.15	23.25	23.01	
15	QPSK	36	0	22.32	22.45	22.22	23.5
15	QPSK	36	20	22.37	22.45	22.22	
15	QPSK	36	39	22.34	22.39	22.21	
15	QPSK	75	0	22.34	22.38	22.22	
15	16QAM	1	0	22.56	22.64	22.47	23.5

15	16QAM	1	37	22.51	22.59	22.41	
15	16QAM	1	74	22.55	22.58	22.41	
15	16QAM	36	0	21.75	21.83	21.61	22.5
15	16QAM	36	20	21.73	21.80	21.61	
15	16QAM	36	39	21.73	21.78	21.60	
15	16QAM	75	0	21.72	21.77	21.60	
15	64QAM	1	0	21.31	21.40	21.23	22.5
15	64QAM	1	37	21.25	21.32	21.16	
15	64QAM	1	74	21.27	21.34	21.14	
15	64QAM	36	0	20.55	20.59	20.42	21.5
15	64QAM	36	20	20.55	20.63	20.41	
15	64QAM	36	39	20.52	20.61	20.38	
15	64QAM	75	0	20.54	20.60	20.38	
15	256QAM	1	0	18.24	18.32	18.14	19.5
15	256QAM	1	37	18.22	18.23	18.10	
15	256QAM	1	74	18.21	18.26	18.10	
15	256QAM	36	0	17.57	17.60	17.55	19.5
15	256QAM	36	20	17.60	17.63	17.50	
15	256QAM	36	39	17.55	17.64	17.54	
15	256QAM	75	0	17.54	17.64	17.56	
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	23.20	23.29	23.05	24.5
10	QPSK	1	25	23.17	23.21	23.01	
10	QPSK	1	49	23.16	23.24	23.03	
10	QPSK	25	0	22.33	22.44	22.24	23.5
10	QPSK	25	12	22.37	22.45	22.26	
10	QPSK	25	25	22.31	22.38	22.20	
10	QPSK	50	0	22.30	22.42	22.18	
10	16QAM	1	0	22.55	22.64	22.46	23.5
10	16QAM	1	25	22.52	22.58	22.38	
10	16QAM	1	49	22.53	22.58	22.42	
10	16QAM	25	0	21.71	21.80	21.59	22.5
10	16QAM	25	12	21.72	21.82	21.63	
10	16QAM	25	25	21.73	21.77	21.56	
10	16QAM	50	0	21.74	21.78	21.60	
10	64QAM	1	0	21.33	21.40	21.21	22.5
10	64QAM	1	25	21.29	21.33	21.17	
10	64QAM	1	49	21.29	21.36	21.17	
10	64QAM	25	0	20.52	20.60	20.41	21.5
10	64QAM	25	12	20.56	20.64	20.41	
10	64QAM	25	25	20.52	20.61	20.38	
10	64QAM	50	0	20.52	20.57	20.39	
10	256QAM	1	0	18.23	18.32	18.15	19.5
10	256QAM	1	25	18.18	18.26	18.12	
10	256QAM	1	49	18.19	18.29	18.09	
10	256QAM	25	0	17.58	17.62	17.57	19.5
10	256QAM	25	12	17.59	17.66	17.58	
10	256QAM	25	25	17.53	17.64	17.57	
10	256QAM	50	0	17.55	17.62	17.56	
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	23.18	23.27	23.06	24.5
5	QPSK	1	12	23.16	23.24	23.00	
5	QPSK	1	24	23.17	23.27	23.05	
5	QPSK	12	0	22.32	22.44	22.24	23.5

5	QPSK	12	7	22.34	22.42	22.25	
5	QPSK	12	13	22.32	22.41	22.18	
5	QPSK	25	0	22.33	22.38	22.19	
5	16QAM	1	0	22.57	22.65	22.43	23.5
5	16QAM	1	12	22.48	22.59	22.36	
5	16QAM	1	24	22.54	22.62	22.42	
5	16QAM	12	0	21.76	21.82	21.59	22.5
5	16QAM	12	7	21.77	21.79	21.60	
5	16QAM	12	13	21.73	21.76	21.58	
5	16QAM	25	0	21.72	21.80	21.61	
5	64QAM	1	0	21.35	21.37	21.23	22.5
5	64QAM	1	12	21.26	21.35	21.17	
5	64QAM	1	24	21.27	21.38	21.14	
5	64QAM	12	0	20.52	20.59	20.40	21.5
5	64QAM	12	7	20.57	20.61	20.45	
5	64QAM	12	13	20.50	20.60	20.37	
5	64QAM	25	0	20.54	20.57	20.41	
5	256QAM	1	0	18.24	18.28	18.16	19.5
5	256QAM	1	12	18.22	18.26	18.09	
5	256QAM	1	24	18.24	18.27	18.13	
5	256QAM	12	0	17.56	17.61	17.56	19.5
5	256QAM	12	7	17.56	17.66	17.59	
5	256QAM	12	13	17.55	17.62	17.58	
5	256QAM	25	0	17.54	17.60	17.58	

<LTE Band 43_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				44690	45090	45490	
Frequency (MHz)				3710	3750	3790	
20	QPSK	1	0	22.97	23.05	22.95	24.5
20	QPSK	1	49	22.86	22.86	22.80	
20	QPSK	1	99	22.74	22.71	22.65	
20	QPSK	50	0	22.02	22.03	21.97	23.5
20	QPSK	50	24	21.94	21.97	21.90	
20	QPSK	50	50	21.83	21.84	21.75	
20	QPSK	100	0	21.91	21.99	21.87	
20	16QAM	1	0	22.03	22.02	21.93	23.5
20	16QAM	1	49	21.87	21.91	21.80	
20	16QAM	1	99	21.65	21.67	21.60	
20	16QAM	50	0	21.01	21.00	21.00	22.5
20	16QAM	50	24	20.95	20.98	20.91	
20	16QAM	50	50	20.83	20.85	20.83	
20	16QAM	100	0	20.91	20.92	20.87	
20	64QAM	1	0	20.93	21.01	20.92	22.5
20	64QAM	1	49	20.83	20.81	20.82	
20	64QAM	1	99	20.65	20.72	20.68	
20	64QAM	50	0	20.04	20.01	19.97	21.5
20	64QAM	50	24	19.98	19.96	19.94	
20	64QAM	50	50	19.80	19.88	19.80	
20	64QAM	100	0	19.88	19.93	19.87	
20	256QAM	1	0	17.77	17.74	17.73	19.5
20	256QAM	1	49	17.79	17.84	17.84	
20	256QAM	1	99	17.73	17.66	17.74	
20	256QAM	50	0	17.87	17.85	17.83	19.5
20	256QAM	50	24	17.91	17.93	17.92	

20	256QAM	50	50	17.93	17.87	17.89	
20	256QAM	100	0	17.86	17.86	17.86	
Channel				44665	45090	45515	Tune-up limit (dBm)
Frequency (MHz)				3707.5	3750	3792.5	
15	QPSK	1	0	22.87	22.92	22.88	24.5
15	QPSK	1	37	22.73	22.77	22.74	
15	QPSK	1	74	22.60	22.67	22.60	
15	QPSK	36	0	21.85	21.96	21.90	23.5
15	QPSK	36	20	21.80	21.84	21.89	
15	QPSK	36	39	21.73	21.67	21.75	
15	QPSK	75	0	21.77	21.84	21.74	
15	16QAM	1	0	21.87	21.89	21.86	23.5
15	16QAM	1	37	21.87	21.77	21.79	
15	16QAM	1	74	21.59	21.60	21.69	
15	16QAM	36	0	20.92	20.89	20.91	22.5
15	16QAM	36	20	20.83	20.90	20.92	
15	16QAM	36	39	20.79	20.73	20.77	
15	16QAM	75	0	20.86	20.78	20.80	
15	64QAM	1	0	20.87	20.88	20.89	22.5
15	64QAM	1	37	20.70	20.77	20.79	
15	64QAM	1	74	20.66	20.54	20.56	
15	64QAM	36	0	19.90	19.94	19.88	21.5
15	64QAM	36	20	19.80	19.87	19.90	
15	64QAM	36	39	19.78	19.68	19.69	
15	64QAM	75	0	19.86	19.87	19.77	
15	256QAM	1	0	17.67	17.65	17.66	19.5
15	256QAM	1	37	17.70	17.78	17.74	
15	256QAM	1	74	17.64	17.56	17.67	
15	256QAM	36	0	17.79	17.77	17.77	19.5
15	256QAM	36	20	17.85	17.84	17.86	
15	256QAM	36	39	17.86	17.80	17.80	
15	256QAM	75	0	17.81	17.80	17.77	
Channel				44640	45090	45540	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	QPSK	1	0	22.93	22.91	22.88	24.5
10	QPSK	1	25	22.83	22.71	22.70	
10	QPSK	1	49	22.55	22.70	22.59	
10	QPSK	25	0	21.87	21.96	21.96	23.5
10	QPSK	25	12	21.82	21.82	21.87	
10	QPSK	25	25	21.68	21.75	21.74	
10	QPSK	50	0	21.77	21.76	21.76	
10	16QAM	1	0	21.87	21.85	21.89	23.5
10	16QAM	1	25	21.81	21.75	21.85	
10	16QAM	1	49	21.59	21.62	21.66	
10	16QAM	25	0	20.93	20.97	20.92	22.5
10	16QAM	25	12	20.83	20.85	20.92	
10	16QAM	25	25	20.71	20.76	20.72	
10	16QAM	50	0	20.85	20.86	20.82	
10	64QAM	1	0	20.81	20.95	20.87	22.5
10	64QAM	1	25	20.76	20.72	20.81	
10	64QAM	1	49	20.68	20.51	20.53	
10	64QAM	25	0	19.89	19.89	19.88	21.5
10	64QAM	25	12	19.87	19.85	19.80	
10	64QAM	25	25	19.81	19.70	19.77	
10	64QAM	50	0	19.78	19.79	19.80	
10	256QAM	1	0	17.68	17.65	17.66	19.5

10	256QAM	1	25	17.69	17.78	17.79	
10	256QAM	1	49	17.63	17.57	17.68	
10	256QAM	25	0	17.80	17.77	17.76	19.5
10	256QAM	25	12	17.86	17.83	17.86	
10	256QAM	25	25	17.84	17.81	17.83	
10	256QAM	50	0	17.78	17.80	17.77	
Channel				44615	45090	45565	Tune-up limit (dBm)
Frequency (MHz)				3702.5	3750	3797.5	
5	QPSK	1	0	22.86	22.84	22.92	24.5
5	QPSK	1	12	22.73	22.78	22.74	
5	QPSK	1	24	22.57	22.62	22.59	
5	QPSK	12	0	21.85	21.98	21.96	23.5
5	QPSK	12	7	21.78	21.86	21.87	
5	QPSK	12	13	21.69	21.74	21.72	
5	QPSK	25	0	21.80	21.84	21.83	
5	16QAM	1	0	21.92	21.87	21.82	23.5
5	16QAM	1	12	21.87	21.78	21.83	
5	16QAM	1	24	21.53	21.64	21.65	
5	16QAM	12	0	20.96	20.90	20.92	22.5
5	16QAM	12	7	20.85	20.86	20.92	
5	16QAM	12	13	20.79	20.70	20.77	
5	16QAM	25	0	20.78	20.80	20.78	
5	64QAM	1	0	20.82	20.92	20.83	22.5
5	64QAM	1	12	20.66	20.69	20.74	
5	64QAM	1	24	20.62	20.54	20.53	
5	64QAM	12	0	19.86	19.97	19.86	21.5
5	64QAM	12	7	19.85	19.85	19.82	
5	64QAM	12	13	19.80	19.71	19.77	
5	64QAM	25	0	19.86	19.85	19.85	
5	256QAM	1	0	17.67	17.66	17.63	19.5
5	256QAM	1	12	17.72	17.74	17.79	
5	256QAM	1	24	17.67	17.61	17.66	
5	256QAM	12	0	17.82	17.80	17.74	19.5
5	256QAM	12	7	17.85	17.84	17.83	
5	256QAM	12	13	17.83	17.80	17.79	
5	256QAM	25	0	17.76	17.80	17.80	

<LTE Band 43_Ant MIMO2_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				44690	45090	45490	
Frequency (MHz)				3710	3750	3790	
20	QPSK	1	0	23.17	23.19	23.16	24.5
20	QPSK	1	49	23.14	23.16	23.13	
20	QPSK	1	99	23.10	23.12	23.09	
20	QPSK	50	0	22.35	22.37	22.34	23.5
20	QPSK	50	24	22.34	22.36	22.33	
20	QPSK	50	50	22.30	22.32	22.29	
20	QPSK	100	0	22.31	22.33	22.30	
20	16QAM	1	0	22.59	22.61	22.58	23.5
20	16QAM	1	49	22.56	22.58	22.55	
20	16QAM	1	99	22.52	22.54	22.51	
20	16QAM	50	0	21.79	21.81	21.78	22.5
20	16QAM	50	24	21.78	21.80	21.77	
20	16QAM	50	50	21.74	21.76	21.73	
20	16QAM	100	0	21.75	21.77	21.74	
20	64QAM	1	0	21.37	21.39	21.36	22.5

20	64QAM	1	49	21.34	21.36	21.33	
20	64QAM	1	99	21.31	21.33	21.30	
20	64QAM	50	0	20.61	20.63	20.60	21.5
20	64QAM	50	24	20.60	20.62	20.59	
20	64QAM	50	50	20.57	20.59	20.56	
20	64QAM	100	0	20.58	20.60	20.57	
20	256QAM	1	0	18.83	18.85	18.83	19.5
20	256QAM	1	49	18.81	18.83	18.81	
20	256QAM	1	99	18.77	18.79	18.77	
20	256QAM	50	0	18.16	18.18	18.16	19.5
20	256QAM	50	24	18.16	18.18	18.16	
20	256QAM	50	50	18.12	18.14	18.12	
20	256QAM	100	0	18.13	18.15	18.13	
Channel				44665	45090	45515	Tune-up limit (dBm)
Frequency (MHz)				3707.5	3750	3792.5	
15	QPSK	1	0	23.09	23.09	23.11	24.5
15	QPSK	1	37	23.07	23.07	23.07	
15	QPSK	1	74	23.01	23.05	23.03	
15	QPSK	36	0	22.26	22.28	22.25	23.5
15	QPSK	36	20	22.25	22.26	22.27	
15	QPSK	36	39	22.20	22.26	22.24	
15	QPSK	75	0	22.23	22.28	22.20	
15	16QAM	1	0	22.51	22.53	22.50	23.5
15	16QAM	1	37	22.51	22.48	22.46	
15	16QAM	1	74	22.43	22.48	22.41	
15	16QAM	36	0	21.71	21.71	21.69	22.5
15	16QAM	36	20	21.73	21.70	21.69	
15	16QAM	36	39	21.64	21.68	21.68	
15	16QAM	75	0	21.70	21.69	21.68	
15	64QAM	1	0	21.28	21.30	21.29	22.5
15	64QAM	1	37	21.29	21.27	21.26	
15	64QAM	1	74	21.24	21.26	21.21	
15	64QAM	36	0	20.53	20.53	20.50	21.5
15	64QAM	36	20	20.52	20.55	20.50	
15	64QAM	36	39	20.47	20.53	20.47	
15	64QAM	75	0	20.50	20.53	20.52	
15	256QAM	1	0	18.74	18.77	18.78	19.5
15	256QAM	1	37	18.71	18.73	18.73	
15	256QAM	1	74	18.71	18.69	18.70	
15	256QAM	36	0	18.10	18.13	18.08	19.5
15	256QAM	36	20	18.08	18.10	18.07	
15	256QAM	36	39	18.06	18.09	18.07	
15	256QAM	75	0	18.03	18.06	18.05	
Channel				44640	45090	45540	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	QPSK	1	0	23.10	23.12	23.10	24.5
10	QPSK	1	25	23.09	23.06	23.03	
10	QPSK	1	49	23.00	23.03	23.04	
10	QPSK	25	0	22.29	22.27	22.28	23.5
10	QPSK	25	12	22.26	22.26	22.23	
10	QPSK	25	25	22.25	22.26	22.24	
10	QPSK	50	0	22.25	22.27	22.25	
10	16QAM	1	0	22.53	22.55	22.49	23.5
10	16QAM	1	25	22.51	22.51	22.50	
10	16QAM	1	49	22.43	22.45	22.44	
10	16QAM	25	0	21.73	21.71	21.73	22.5
10	16QAM	25	12	21.71	21.75	21.68	
10	16QAM	25	25	21.69	21.71	21.68	
10	16QAM	50	0	21.68	21.72	21.66	
10	64QAM	1	0	21.30	21.34	21.27	22.5
10	64QAM	1	25	21.25	21.31	21.24	
10	64QAM	1	49	21.25	21.26	21.23	
10	64QAM	25	0	20.52	20.53	20.50	21.5

10	64QAM	25	12	20.55	20.53	20.52	
10	64QAM	25	25	20.48	20.53	20.51	
10	64QAM	50	0	20.50	20.51	20.49	
10	256QAM	1	0	18.78	18.78	18.76	19.5
10	256QAM	1	25	18.75	18.77	18.71	
10	256QAM	1	49	18.70	18.74	18.71	
10	256QAM	25	0	18.06	18.12	18.07	19.5
10	256QAM	25	12	18.07	18.09	18.06	
10	256QAM	25	25	18.06	18.04	18.06	
10	256QAM	50	0	18.03	18.08	18.07	
Channel				44615	45090	45565	Tune-up limit (dBm)
Frequency (MHz)				3702.5	3750	3797.5	
5	QPSK	1	0	23.09	23.10	23.10	24.5
5	QPSK	1	12	23.06	23.06	23.08	
5	QPSK	1	24	23.00	23.06	23.02	
5	QPSK	12	0	22.28	22.28	22.24	23.5
5	QPSK	12	7	22.24	22.31	22.24	
5	QPSK	12	13	22.20	22.22	22.20	
5	QPSK	25	0	22.23	22.25	22.24	
5	16QAM	1	0	22.54	22.55	22.48	23.5
5	16QAM	1	12	22.49	22.48	22.47	
5	16QAM	1	24	22.46	22.45	22.41	
5	16QAM	12	0	21.69	21.74	21.73	22.5
5	16QAM	12	7	21.70	21.75	21.69	
5	16QAM	12	13	21.69	21.69	21.63	
5	16QAM	25	0	21.68	21.71	21.68	
5	64QAM	1	0	21.29	21.31	21.27	22.5
5	64QAM	1	12	21.24	21.31	21.26	
5	64QAM	1	24	21.26	21.28	21.23	
5	64QAM	12	0	20.53	20.56	20.55	21.5
5	64QAM	12	7	20.51	20.57	20.54	
5	64QAM	12	13	20.47	20.49	20.50	
5	64QAM	25	0	20.51	20.54	20.50	
5	256QAM	1	0	18.76	18.76	18.75	19.5
5	256QAM	1	12	18.74	18.75	18.74	
5	256QAM	1	24	18.68	18.71	18.72	
5	256QAM	12	0	18.06	18.10	18.09	19.5
5	256QAM	12	7	18.07	18.11	18.10	
5	256QAM	12	13	18.06	18.05	18.05	
5	256QAM	25	0	18.08	18.10	18.06	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	20.63	20.68	20.73	20.59	21.8
20	QPSK	1	49	20.58	20.65	20.51	20.45	
20	QPSK	1	99	20.45	20.46	20.41	20.24	
20	QPSK	50	0	19.75	19.67	19.66	19.63	20.8
20	QPSK	50	24	19.70	19.59	19.66	19.54	
20	QPSK	50	50	19.61	19.51	19.55	19.44	
20	QPSK	100	0	19.64	19.55	19.60	19.51	
20	16QAM	1	0	19.65	19.63	19.68	19.59	20.8
20	16QAM	1	49	19.62	19.57	19.62	19.49	
20	16QAM	1	99	19.56	19.38	19.37	19.17	
20	16QAM	50	0	18.75	18.66	18.68	18.62	19.8
20	16QAM	50	24	18.71	18.63	18.62	18.55	
20	16QAM	50	50	18.60	18.52	18.57	18.44	
20	16QAM	100	0	18.67	18.57	18.61	18.51	
20	64QAM	1	0	18.69	18.66	18.68	18.43	19.8

20	64QAM	1	49	18.51	18.51	18.59	18.46	
20	64QAM	1	99	18.46	18.47	18.36	18.21	
20	64QAM	50	0	17.75	17.70	17.71	17.64	18.8
20	64QAM	50	24	17.69	17.62	17.67	17.54	
20	64QAM	50	50	17.60	17.50	17.60	17.44	
20	64QAM	100	0	17.61	17.57	17.63	17.52	
20	256QAM	1	0	15.44	15.48	15.63	15.51	16.8
20	256QAM	1	49	15.54	15.65	15.69	15.64	
20	256QAM	1	99	15.50	15.61	15.64	15.59	
20	256QAM	50	0	15.54	15.71	15.81	15.69	16.8
20	256QAM	50	24	15.62	15.73	15.82	15.75	
20	256QAM	50	50	15.57	15.77	15.79	15.72	
20	256QAM	100	0	15.57	15.68	15.74	15.70	
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	20.47	20.48	20.56	20.41	21.8
15	QPSK	1	37	20.42	20.49	20.35	20.29	
15	QPSK	1	74	20.29	20.29	20.26	20.09	
15	QPSK	36	0	19.60	19.48	19.47	19.43	20.8
15	QPSK	36	20	19.53	19.39	19.49	19.34	
15	QPSK	36	39	19.41	19.34	19.37	19.27	
15	QPSK	75	0	19.44	19.37	19.43	19.35	
15	16QAM	1	0	19.45	19.48	19.51	19.39	20.8
15	16QAM	1	37	19.45	19.37	19.45	19.30	
15	16QAM	1	74	19.41	19.18	19.18	18.99	
15	16QAM	36	0	18.60	18.46	18.49	18.46	19.8
15	16QAM	36	20	18.56	18.46	18.42	18.38	
15	16QAM	36	39	18.40	18.36	18.42	18.29	
15	16QAM	75	0	18.48	18.40	18.41	18.33	
15	64QAM	1	0	18.53	18.48	18.48	18.27	19.8
15	64QAM	1	37	18.36	18.31	18.43	18.26	
15	64QAM	1	74	18.30	18.29	18.19	18.04	
15	64QAM	36	0	17.58	17.55	17.53	17.44	18.8
15	64QAM	36	20	17.54	17.44	17.51	17.34	
15	64QAM	36	39	17.45	17.31	17.40	17.26	
15	64QAM	75	0	17.45	17.42	17.47	17.32	
15	256QAM	1	0	15.26	15.35	15.48	15.40	16.8
15	256QAM	1	37	15.44	15.45	15.59	15.46	
15	256QAM	1	74	15.36	15.48	15.54	15.45	
15	256QAM	36	0	15.42	15.54	15.66	15.54	16.8
15	256QAM	36	20	15.52	15.59	15.67	15.57	
15	256QAM	36	39	15.46	15.57	15.64	15.53	
15	256QAM	75	0	15.47	15.56	15.56	15.56	
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	20.46	20.49	20.58	20.44	21.8
10	QPSK	1	25	20.38	20.46	20.34	20.25	
10	QPSK	1	49	20.25	20.30	20.26	20.04	
10	QPSK	25	0	19.55	19.49	19.46	19.44	20.8
10	QPSK	25	12	19.54	19.43	19.48	19.36	
10	QPSK	25	25	19.44	19.36	19.38	19.26	
10	QPSK	50	0	19.44	19.38	19.41	19.34	
10	16QAM	1	0	19.50	19.44	19.49	19.39	20.8
10	16QAM	1	25	19.44	19.37	19.47	19.33	
10	16QAM	1	49	19.41	19.21	19.22	18.99	
10	16QAM	25	0	18.57	18.47	18.53	18.47	19.8
10	16QAM	25	12	18.51	18.48	18.45	18.37	
10	16QAM	25	25	18.42	18.33	18.40	18.25	
10	16QAM	50	0	18.49	18.40	18.43	18.33	
10	64QAM	1	0	18.52	18.50	18.53	18.28	19.8
10	64QAM	1	25	18.34	18.32	18.41	18.31	
10	64QAM	1	49	18.26	18.30	18.21	18.04	
10	64QAM	25	0	17.57	17.52	17.56	17.45	18.8

10	64QAM	25	12	17.53	17.42	17.50	17.39	
10	64QAM	25	25	17.45	17.32	17.42	17.25	
10	64QAM	50	0	17.44	17.37	17.46	17.37	
10	256QAM	1	0	15.31	15.38	15.48	15.40	16.8
10	256QAM	1	25	15.34	15.46	15.55	15.48	
10	256QAM	1	49	15.38	15.42	15.52	15.46	
10	256QAM	25	0	15.37	15.56	15.64	15.49	16.8
10	256QAM	25	12	15.51	15.63	15.67	15.56	
10	256QAM	25	25	15.42	15.59	15.68	15.52	
10	256QAM	50	0	15.45	15.48	15.56	15.60	
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	20.44	20.53	20.55	20.44	21.8
5	QPSK	1	12	20.40	20.48	20.32	20.30	
5	QPSK	1	24	20.30	20.30	20.22	20.08	
5	QPSK	12	0	19.57	19.49	19.50	19.48	20.8
5	QPSK	12	7	19.55	19.39	19.49	19.39	
5	QPSK	12	13	19.43	19.34	19.40	19.24	
5	QPSK	25	0	19.46	19.35	19.40	19.32	
5	16QAM	1	0	19.50	19.43	19.51	19.44	20.8
5	16QAM	1	12	19.43	19.38	19.42	19.31	
5	16QAM	1	24	19.40	19.23	19.19	18.98	
5	16QAM	12	0	18.59	18.46	18.53	18.44	19.8
5	16QAM	12	7	18.56	18.43	18.45	18.35	
5	16QAM	12	13	18.41	18.32	18.40	18.29	
5	16QAM	25	0	18.48	18.37	18.42	18.31	
5	64QAM	1	0	18.49	18.50	18.51	18.25	19.8
5	64QAM	1	12	18.35	18.32	18.39	18.28	
5	64QAM	1	24	18.28	18.32	18.16	18.01	
5	64QAM	12	0	17.56	17.51	17.55	17.49	18.8
5	64QAM	12	7	17.53	17.43	17.50	17.35	
5	64QAM	12	13	17.41	17.32	17.44	17.29	
5	64QAM	25	0	17.45	17.40	17.46	17.34	
5	256QAM	1	0	15.25	15.35	15.49	15.34	16.8
5	256QAM	1	12	15.38	15.52	15.59	15.54	
5	256QAM	1	24	15.40	15.44	15.48	15.42	
5	256QAM	12	0	15.41	15.53	15.69	15.57	16.8
5	256QAM	12	7	15.51	15.58	15.65	15.58	
5	256QAM	12	13	15.43	15.67	15.69	15.54	
5	256QAM	25	0	15.41	15.51	15.56	15.53	

<LTE Band 48_Ant MIMO2_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	21.11	21.13	21.11	21.04	21.8
20	QPSK	1	49	21.04	21.06	21.04	20.97	
20	QPSK	1	99	21.02	21.04	21.02	20.95	
20	QPSK	50	0	20.23	20.25	20.23	20.16	20.8
20	QPSK	50	24	20.24	20.26	20.24	20.17	
20	QPSK	50	50	20.21	20.23	20.21	20.14	
20	QPSK	100	0	20.20	20.22	20.20	20.13	
20	16QAM	1	0	20.39	20.41	20.39	20.32	20.8
20	16QAM	1	49	20.32	20.34	20.32	20.25	
20	16QAM	1	99	20.30	20.32	20.30	20.23	
20	16QAM	50	0	19.54	19.56	19.54	19.48	19.8
20	16QAM	50	24	19.55	19.57	19.55	19.49	
20	16QAM	50	50	19.52	19.54	19.52	19.46	
20	16QAM	100	0	19.51	19.53	19.51	19.45	
20	64QAM	1	0	19.13	19.15	19.13	19.07	19.8

20	64QAM	1	49	19.07	19.09	19.07	19.01	
20	64QAM	1	99	19.05	19.07	19.05	18.99	
20	64QAM	50	0	18.33	18.35	18.33	18.27	18.8
20	64QAM	50	24	18.34	18.36	18.34	18.28	
20	64QAM	50	50	18.31	18.33	18.31	18.25	
20	64QAM	100	0	18.31	18.33	18.31	18.25	
20	256QAM	1	0	16.02	16.04	16.02	15.97	16.8
20	256QAM	1	49	15.97	15.99	15.97	15.92	
20	256QAM	1	99	15.95	15.97	15.95	15.90	
20	256QAM	50	0	15.36	15.37	15.36	15.30	16.8
20	256QAM	50	24	15.37	15.38	15.37	15.31	
20	256QAM	50	50	15.35	15.36	15.35	15.29	
20	256QAM	100	0	15.34	15.35	15.34	15.28	
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	21.00	20.93	20.95	20.88	21.8
15	QPSK	1	37	20.86	20.93	20.90	20.77	
15	QPSK	1	74	20.82	20.86	20.88	20.83	
15	QPSK	36	0	20.04	20.06	20.04	20.03	20.8
15	QPSK	36	20	20.14	20.11	20.12	19.99	
15	QPSK	36	39	20.06	20.10	20.10	20.04	
15	QPSK	75	0	20.09	20.02	20.06	19.99	
15	16QAM	1	0	20.24	20.31	20.22	20.15	20.8
15	16QAM	1	37	20.20	20.19	20.15	20.14	
15	16QAM	1	74	20.18	20.21	20.16	20.13	
15	16QAM	36	0	19.41	19.45	19.38	19.28	19.8
15	16QAM	36	20	19.40	19.44	19.45	19.36	
15	16QAM	36	39	19.41	19.39	19.33	19.32	
15	16QAM	75	0	19.34	19.35	19.36	19.25	
15	64QAM	1	0	18.99	19.00	19.03	18.89	19.8
15	64QAM	1	37	18.91	18.97	18.91	18.90	
15	64QAM	1	74	18.92	18.92	18.90	18.84	
15	64QAM	36	0	18.21	18.15	18.19	18.15	18.8
15	64QAM	36	20	18.15	18.18	18.18	18.09	
15	64QAM	36	39	18.12	18.23	18.18	18.11	
15	64QAM	75	0	18.17	18.21	18.14	18.05	
15	256QAM	1	0	15.86	15.93	15.86	15.87	16.8
15	256QAM	1	37	15.80	15.88	15.81	15.77	
15	256QAM	1	74	15.84	15.83	15.80	15.77	
15	256QAM	36	0	15.20	15.24	15.18	15.13	16.8
15	256QAM	36	20	15.23	15.27	15.22	15.15	
15	256QAM	36	39	15.20	15.17	15.16	15.12	
15	256QAM	75	0	15.15	15.18	15.21	15.08	
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	20.94	20.95	20.94	20.86	21.8
10	QPSK	1	25	20.87	20.94	20.85	20.77	
10	QPSK	1	49	20.85	20.92	20.87	20.75	
10	QPSK	25	0	20.05	20.13	20.13	20.05	20.8
10	QPSK	25	12	20.11	20.10	20.09	19.98	
10	QPSK	25	25	20.10	20.08	20.11	19.96	
10	QPSK	50	0	20.04	20.10	20.07	19.96	
10	16QAM	1	0	20.26	20.27	20.26	20.17	20.8
10	16QAM	1	25	20.21	20.19	20.14	20.12	
10	16QAM	1	49	20.10	20.12	20.19	20.08	
10	16QAM	25	0	19.35	19.37	19.35	19.37	19.8
10	16QAM	25	12	19.45	19.40	19.41	19.31	
10	16QAM	25	25	19.32	19.42	19.32	19.32	
10	16QAM	50	0	19.41	19.37	19.32	19.27	
10	64QAM	1	0	18.99	19.05	19.03	18.97	19.8
10	64QAM	1	25	18.89	18.93	18.95	18.89	
10	64QAM	1	49	18.90	18.92	18.91	18.87	
10	64QAM	25	0	18.13	18.15	18.21	18.15	18.8

10	64QAM	25	12	18.23	18.18	18.18	18.08	
10	64QAM	25	25	18.14	18.17	18.19	18.11	
10	64QAM	50	0	18.21	18.15	18.17	18.09	
10	256QAM	1	0	15.84	15.92	15.85	15.83	16.8
10	256QAM	1	25	15.83	15.83	15.83	15.76	
10	256QAM	1	49	15.80	15.84	15.76	15.80	
10	256QAM	25	0	15.21	15.21	15.23	15.13	16.8
10	256QAM	25	12	15.26	15.25	15.20	15.20	
10	256QAM	25	25	15.23	15.23	15.15	15.14	
10	256QAM	50	0	15.17	15.15	15.21	15.09	
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	20.97	20.93	21.01	20.85	21.8
5	QPSK	1	12	20.86	20.96	20.94	20.80	
5	QPSK	1	24	20.88	20.84	20.84	20.83	
5	QPSK	12	0	20.06	20.11	20.07	19.97	20.8
5	QPSK	12	7	20.13	20.13	20.07	20.06	
5	QPSK	12	13	20.01	20.12	20.07	20.02	
5	QPSK	25	0	20.07	20.07	20.10	19.95	
5	16QAM	1	0	20.27	20.21	20.27	20.13	20.8
5	16QAM	1	12	20.18	20.24	20.12	20.08	
5	16QAM	1	24	20.17	20.14	20.12	20.10	
5	16QAM	12	0	19.39	19.41	19.43	19.36	19.8
5	16QAM	12	7	19.44	19.38	19.37	19.30	
5	16QAM	12	13	19.41	19.42	19.36	19.31	
5	16QAM	25	0	19.34	19.41	19.34	19.29	
5	64QAM	1	0	18.96	18.97	19.02	18.93	19.8
5	64QAM	1	12	18.96	18.98	18.92	18.88	
5	64QAM	1	24	18.93	18.87	18.88	18.79	
5	64QAM	12	0	18.21	18.15	18.17	18.14	18.8
5	64QAM	12	7	18.22	18.18	18.19	18.10	
5	64QAM	12	13	18.20	18.16	18.12	18.13	
5	64QAM	25	0	18.11	18.18	18.14	18.14	
5	256QAM	1	0	15.84	15.85	15.87	15.85	16.8
5	256QAM	1	12	15.80	15.82	15.85	15.82	
5	256QAM	1	24	15.82	15.80	15.82	15.80	
5	256QAM	12	0	15.22	15.19	15.23	15.18	16.8
5	256QAM	12	7	15.24	15.25	15.17	15.12	
5	256QAM	12	13	15.15	15.17	15.15	15.15	
5	256QAM	25	0	15.16	15.15	15.22	15.10	

<FR1 n2_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	23.97	23.99	23.98	24.6
40	PI/2 BPSK	1	108	23.72	23.84	23.73	
40	PI/2 BPSK	1	214	23.72	23.83	23.71	
40	PI/2 BPSK	108	0	23.17	23.27	23.08	24.1
40	PI/2 BPSK	108	54	23.76	23.87	23.71	24.6
40	PI/2 BPSK	108	108	23.24	23.38	23.19	24.1
40	PI/2 BPSK	216	0	23.26	23.38	23.25	
40	QPSK	1	1	23.61	23.80	23.64	24.6
40	QPSK	1	108	23.61	23.80	23.61	
40	QPSK	1	214	23.73	23.93	23.78	
40	QPSK	108	0	22.59	22.77	22.59	23.6
40	QPSK	108	54	23.72	23.82	23.65	24.6
40	QPSK	108	108	22.69	22.85	22.71	23.6
40	QPSK	216	0	22.63	22.80	22.60	
40	16QAM	1	1	22.56	22.71	22.59	23.6

40	64QAM	1	1	21.08	21.24	21.10	22.1
40	256QAM	1	1	18.97	19.15	19.05	20.1
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	23.84	23.80	23.79	24.6
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	23.84	23.86	23.84	24.6
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	23.84	23.79	23.83	24.6
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.83	23.86	23.85	24.6
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.85	23.80	23.80	24.6
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.77	23.79	23.88	24.6
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.86	23.80	23.88	24.6

<FR1 n2_Ant MIMO2_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	23.54	23.59	23.52	24.6
40	PI/2 BPSK	1	108	23.26	23.31	23.24	
40	PI/2 BPSK	1	214	22.68	22.73	22.66	
40	PI/2 BPSK	108	0	23.35	23.40	23.33	24.1
40	PI/2 BPSK	108	54	23.15	23.20	23.13	24.6
40	PI/2 BPSK	108	108	23.40	23.45	23.38	24.1
40	PI/2 BPSK	216	0	22.67	22.72	22.65	
40	QPSK	1	1	23.45	23.50	23.43	24.6
40	QPSK	1	108	23.17	23.22	23.15	
40	QPSK	1	214	22.61	22.64	22.61	
40	QPSK	108	0	23.26	23.31	23.24	23.6
40	QPSK	108	54	23.06	23.11	23.04	24.6
40	QPSK	108	108	23.31	23.36	23.29	23.6
40	QPSK	216	0	22.58	22.63	22.56	
40	16QAM	1	1	22.58	22.63	22.56	23.6
40	64QAM	1	1	21.22	21.27	21.21	22.1
40	256QAM	1	1	19.79	19.83	19.77	20.1
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	23.34	23.41	23.37	24.6
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	23.39	23.47	23.41	24.6
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	23.43	23.45	23.36	24.6
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.43	23.42	23.33	24.6
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.42	23.46	23.42	24.6
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.38	23.43	23.34	24.6
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.44	23.48	23.35	24.6

<FR1 n5_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	23.93	23.94	23.93	24.5
20	PI/2 BPSK	1	53	23.50	23.70	23.57	
20	PI/2 BPSK	1	104	23.59	23.76	23.57	
20	PI/2 BPSK	50	0	23.20	23.33	23.18	24.0
20	PI/2 BPSK	50	28	23.68	23.83	23.64	24.5
20	PI/2 BPSK	50	56	23.13	23.26	23.16	24.0
20	PI/2 BPSK	100	0	23.05	23.25	23.05	
20	QPSK	1	1	23.56	23.75	23.57	24.5
20	QPSK	1	53	23.53	23.65	23.47	
20	QPSK	1	104	23.49	23.68	23.48	
20	QPSK	50	0	22.68	22.80	22.63	23.5
20	QPSK	50	28	23.62	23.72	23.62	24.5
20	QPSK	50	56	22.47	22.65	22.51	23.5
20	QPSK	100	0	22.55	22.74	22.55	
20	16QAM	1	1	22.53	22.72	22.61	23.5
20	64QAM	1	1	21.07	21.20	21.08	22.0
20	256QAM	1	1	18.97	19.11	18.91	20.0
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	23.79	23.83	23.79	24.5
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	23.73	23.76	23.74	24.5
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.80	23.81	23.75	24.5

<FR1 n7_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				504000	507000	510000	
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	23.83	23.94	23.84	24.5
40	PI/2 BPSK	1	108	23.09	23.22	23.08	
40	PI/2 BPSK	1	214	23.00	23.10	22.96	
40	PI/2 BPSK	108	0	22.68	22.78	22.66	24.0
40	PI/2 BPSK	108	54	23.14	23.28	23.16	24.5
40	PI/2 BPSK	108	108	22.45	22.64	22.52	24.0
40	PI/2 BPSK	216	0	22.51	22.70	22.58	
40	QPSK	1	1	23.22	23.37	23.27	24.5
40	QPSK	1	108	22.89	23.07	22.96	
40	QPSK	1	214	22.95	23.10	22.93	
40	QPSK	108	0	22.21	22.31	22.14	23.5
40	QPSK	108	54	23.07	23.17	23.04	24.5
40	QPSK	108	108	21.96	22.12	22.00	23.5
40	QPSK	216	0	21.95	22.15	21.98	
40	16QAM	1	1	22.19	22.31	22.21	23.5
40	64QAM	1	1	20.63	20.83	20.72	22.0
40	256QAM	1	1	18.68	18.83	18.66	20.0
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	23.69	23.84	23.69	24.5
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	23.64	23.79	23.67	24.5
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	23.70	23.74	23.68	24.5
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.72	23.84	23.71	20.0
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.71	23.74	23.70	24.5
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.67	23.74	23.65	24.5
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.69	23.83	23.70	24.5

<FR1 n7_Ant MIMO2_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				504000	507000	510000	
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	23.34	23.40	23.31	24.5
40	PI/2 BPSK	1	108	23.00	23.06	22.97	
40	PI/2 BPSK	1	214	22.83	22.89	22.80	
40	PI/2 BPSK	108	0	22.58	22.64	22.55	24.0
40	PI/2 BPSK	108	54	23.01	23.07	22.98	24.5
40	PI/2 BPSK	108	108	22.30	22.36	22.27	24.0
40	PI/2 BPSK	216	0	22.39	22.45	22.36	
40	QPSK	1	1	23.13	23.19	23.10	24.5
40	QPSK	1	108	22.79	22.85	22.76	
40	QPSK	1	214	22.62	22.68	22.59	
40	QPSK	108	0	22.38	22.44	22.35	23.5
40	QPSK	108	54	22.80	22.86	22.77	24.5
40	QPSK	108	108	22.10	22.16	22.07	23.5
40	QPSK	216	0	22.19	22.25	22.16	
40	16QAM	1	1	22.12	22.18	22.09	23.5
40	64QAM	1	1	20.66	20.71	20.63	22.0
40	256QAM	1	1	18.69	18.74	18.67	20.0
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	23.14	23.27	23.15	24.5
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	23.15	23.22	23.15	24.5
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	23.16	23.30	23.12	24.5
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	256QAM	1	1	23.22	23.27	23.12	24.5
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.17	23.22	23.18	24.5
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.23	23.30	23.20	24.5
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.17	23.22	23.11	24.5

<FR1 n12_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.03	24.11	24.04	24.5
15	PI/2 BPSK	1	40	23.73	23.88	23.71	
15	PI/2 BPSK	1	77	23.71	23.90	23.76	
15	PI/2 BPSK	36	0	23.26	23.36	23.23	24.0
15	PI/2 BPSK	36	22	23.70	23.84	23.71	24.5
15	PI/2 BPSK	36	43	23.07	23.27	23.11	24.0
15	PI/2 BPSK	75	0	23.19	23.30	23.12	
15	QPSK	1	1	23.79	23.92	23.73	24.5
15	QPSK	1	40	23.71	23.81	23.70	
15	QPSK	1	77	23.76	23.87	23.73	
15	QPSK	36	0	22.70	22.80	22.62	23.5
15	QPSK	36	22	23.62	23.77	23.64	24.5
15	QPSK	36	43	22.55	22.74	22.62	23.5
15	QPSK	75	0	22.70	22.85	22.69	
15	16QAM	1	1	22.75	22.87	22.77	23.5
15	64QAM	1	1	21.18	21.36	21.25	22.0
	256QAM	1	1	19.17	19.33	19.13	20.0
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	23.86	23.97	23.89	24.5
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	23.85	23.96	23.91	24.5

<FR1 n13_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		23.78		24.5
10	PI/2 BPSK	1	26		23.60		
10	PI/2 BPSK	1	50		23.61		
10	PI/2 BPSK	25	0		23.12		24.0
10	PI/2 BPSK	25	14		23.60		24.5
10	PI/2 BPSK	25	27		23.12		24.0
10	PI/2 BPSK	50	0		23.13		
10	QPSK	1	1		23.66		24.5
10	QPSK	1	26		23.63		
10	QPSK	1	50		23.62		
10	QPSK	25	0		22.64		23.5
10	QPSK	25	14		23.51		24.5
10	QPSK	25	27		22.57		23.5
10	QPSK	50	0		22.63		
10	16QAM	1	1		22.61		23.5
10	64QAM	1	1		21.05		22.0
10	256QAM	1	1		19.05		20.0
Channel				155900	156400	156900	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	PI/2 BPSK	1	1	23.64	23.65	23.70	24.5

<FR1 n14_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		23.86		24.5
10	PI/2 BPSK	1	26		23.72		
10	PI/2 BPSK	1	50		23.69		
10	PI/2 BPSK	25	0		23.20		24.0
10	PI/2 BPSK	25	14		23.66		24.5
10	PI/2 BPSK	25	27		23.25		24.0
10	PI/2 BPSK	50	0		23.20		
10	QPSK	1	1		23.74		24.5
10	QPSK	1	26		23.71		
10	QPSK	1	50		23.73		
10	QPSK	25	0		22.75		23.5
10	QPSK	25	14		23.61		24.5
10	QPSK	25	27		22.67		23.5
10	QPSK	50	0		22.74		
10	16QAM	1	1		22.73		23.5
10	64QAM	1	1		21.20		22.0
10	256QAM	1	1		19.18		20.0
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	23.76	23.80	23.80	24.5

<FR1 n25_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	23.95	23.99	23.98	24.6
40	PI/2 BPSK	1	108	23.69	23.85	23.67	
40	PI/2 BPSK	1	214	23.70	23.83	23.70	
40	PI/2 BPSK	108	0	23.12	23.23	23.12	24.1
40	PI/2 BPSK	108	54	23.71	23.85	23.68	24.6
40	PI/2 BPSK	108	108	23.20	23.30	23.16	24.1
40	PI/2 BPSK	216	0	23.12	23.25	23.05	
40	QPSK	1	1	23.71	23.81	23.61	24.6
40	QPSK	1	108	23.51	23.71	23.51	
40	QPSK	1	214	23.59	23.76	23.61	
40	QPSK	108	0	22.57	22.71	22.61	23.6
40	QPSK	108	54	23.61	23.73	23.61	24.6
40	QPSK	108	108	22.67	22.83	22.64	23.6
40	QPSK	216	0	22.67	22.77	22.61	
40	16QAM	1	1	22.51	22.65	22.54	23.6
40	64QAM	1	1	21.05	21.16	21.03	22.1
40	256QAM	1	1	19.04	19.20	19.01	20.1
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	23.83	23.82	23.83	24.6
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.77	23.84	23.84	24.6
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.85	23.87	23.86	24.6
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	

20	PI/2 BPSK	1	1	23.80	23.81	23.81	24.6
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	23.78	23.80	23.82	24.6
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	23.85	23.82	23.87	24.6
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	23.84	23.79	23.88	24.6

<FR1 n25_Ant MIMO2_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	23.51	23.90	23.53	24.6
40	PI/2 BPSK	1	108	23.43	23.82	23.45	
40	PI/2 BPSK	1	214	23.46	23.85	23.48	
40	PI/2 BPSK	108	0	22.98	23.36	23.00	24.1
40	PI/2 BPSK	108	54	23.45	23.84	23.47	24.6
40	PI/2 BPSK	108	108	22.91	23.29	22.93	24.1
40	PI/2 BPSK	216	0	22.94	23.32	22.96	
40	QPSK	1	1	23.17	23.55	23.19	24.6
40	QPSK	1	108	23.09	23.47	23.11	
40	QPSK	1	214	23.12	23.50	23.14	
40	QPSK	108	0	22.64	23.02	22.66	23.6
40	QPSK	108	54	23.11	23.49	23.13	24.6
40	QPSK	108	108	22.58	22.95	22.59	23.6
40	QPSK	216	0	22.47	22.84	22.49	
40	16QAM	1	1	22.43	22.80	22.45	23.6
40	64QAM	1	1	21.00	21.35	21.02	22.1
40	256QAM	1	1	18.99	19.31	19.01	20.1
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	23.37	23.76	23.41	24.6
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.36	23.78	23.38	24.6
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.37	23.80	23.33	24.6
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.33	23.73	23.34	24.6
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	23.35	23.72	23.38	24.6
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	23.39	23.79	23.35	24.6
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	23.33	23.71	23.37	24.6

<FR1 n26_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	23.85	23.95	23.92	24.5
20	PI/2 BPSK	1	53	23.65	23.82	23.67	
20	PI/2 BPSK	1	104	23.56	23.74	23.61	
20	PI/2 BPSK	50	0	23.11	23.25	23.06	24.0
20	PI/2 BPSK	50	28	23.65	23.82	23.69	24.5
20	PI/2 BPSK	50	56	23.18	23.30	23.15	24.0
20	PI/2 BPSK	100	0	23.13	23.29	23.18	
20	QPSK	1	1	23.58	23.70	23.55	24.5
20	QPSK	1	53	23.59	23.71	23.55	
20	QPSK	1	104	23.53	23.73	23.60	
20	QPSK	50	0	22.61	22.75	22.65	23.5
20	QPSK	50	28	23.57	23.76	23.63	24.5
20	QPSK	50	56	22.59	22.79	22.63	23.5
20	QPSK	100	0	22.64	22.77	22.57	
20	16QAM	1	1	22.51	22.64	22.51	23.5
20	64QAM	1	1	20.91	21.10	20.96	22.0
20	256QAM	1	1	18.86	19.06	18.86	20.0
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	23.71	23.75	23.81	24.5
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	23.66	23.81	23.74	24.5
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	23.73	23.84	23.78	24.5

<FR1 n30_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		22.49		23.0
10	PI/2 BPSK	1	26		22.21		
10	PI/2 BPSK	1	50		22.20		
10	PI/2 BPSK	25	0		21.72		22.5
10	PI/2 BPSK	25	14		22.18		23.0
10	PI/2 BPSK	25	27		21.75		22.5
10	PI/2 BPSK	50	0		21.76		
10	QPSK	1	1		22.18		23.0
10	QPSK	1	26		22.23		
10	QPSK	1	50		22.25		
10	QPSK	25	0		21.28		22.0
10	QPSK	25	14		22.15		23.0
10	QPSK	25	27		21.25		22.0
10	QPSK	50	0		21.23		
10	16QAM	1	1		21.23		22.0
10	64QAM	1	1		19.73		20.5
10	256QAM	1	1		17.70		18.5
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	22.17	22.24	22.23	23.0

<FR1 n30_Ant MIMO2_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		21.79		23.0
10	PI/2 BPSK	1	26		21.75		
10	PI/2 BPSK	1	50		21.68		
10	PI/2 BPSK	25	0		21.16		22.5
10	PI/2 BPSK	25	14		21.64		23.0
10	PI/2 BPSK	25	27		21.16		22.5
10	PI/2 BPSK	50	0		21.20		
10	QPSK	1	1		21.76		23.0
10	QPSK	1	26		21.72		
10	QPSK	1	50		21.65		
10	QPSK	25	0		21.13		22.0
10	QPSK	25	14		21.61		23.0
10	QPSK	25	27		21.13		22.0
10	QPSK	50	0		21.17		
10	16QAM	1	1		20.60		22.0
10	64QAM	1	1		19.11		20.5
10	256QAM	1	1		17.13		18.5
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	21.61	21.64	21.67	23.0

<FR1 n66_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.94	23.97	23.96	24.5
40	PI/2 BPSK	1	108	23.54	23.74	23.63	
40	PI/2 BPSK	1	214	23.68	23.80	23.67	
40	PI/2 BPSK	108	0	23.03	23.13	23.01	24.0
40	PI/2 BPSK	108	54	23.58	23.78	23.61	24.5
40	PI/2 BPSK	108	108	23.03	23.16	22.97	24.0
40	PI/2 BPSK	216	0	23.02	23.22	23.12	
40	QPSK	1	1	23.51	23.70	23.52	24.5
40	QPSK	1	108	23.51	23.70	23.56	
40	QPSK	1	214	23.54	23.74	23.54	
40	QPSK	108	0	22.49	22.68	22.49	23.5
40	QPSK	108	54	23.44	23.60	23.40	24.5
40	QPSK	108	108	22.54	22.70	22.54	23.5
40	QPSK	216	0	22.53	22.70	22.54	
40	16QAM	1	1	22.49	22.65	22.51	23.5
40	64QAM	1	1	20.97	21.15	21.05	22.0
40	256QAM	1	1	18.91	19.10	18.97	20.0
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	23.83	23.83	23.80	24.5
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.83	23.82	23.80	24.5
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.79	23.86	23.79	24.5
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.75	23.83	23.86	24.5

Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.77	23.85	23.77	24.5
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.83	23.77	23.84	24.5
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.82	23.82	23.76	24.5

<FR1 n66_Ant MIMO2_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.98	23.99	23.94	24.5
40	PI/2 BPSK	1	108	23.91	23.92	23.87	
40	PI/2 BPSK	1	214	23.95	23.96	23.91	
40	PI/2 BPSK	108	0	23.36	23.37	23.32	24.0
40	PI/2 BPSK	108	54	23.96	23.97	23.92	24.5
40	PI/2 BPSK	108	108	23.33	23.34	23.29	24.0
40	PI/2 BPSK	216	0	23.39	23.40	23.35	
40	QPSK	1	1	23.90	23.91	23.86	24.5
40	QPSK	1	108	23.84	23.85	23.80	
40	QPSK	1	214	23.89	23.90	23.85	
40	QPSK	108	0	22.82	22.83	22.78	23.5
40	QPSK	108	54	23.84	23.85	23.80	24.5
40	QPSK	108	108	22.83	22.84	22.79	23.5
40	QPSK	216	0	22.89	22.90	22.85	
40	16QAM	1	1	22.88	22.89	22.84	23.5
40	64QAM	1	1	21.32	21.33	21.29	22.0
40	256QAM	1	1	19.26	19.27	19.23	20.0
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	23.80	23.86	23.76	24.5
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.80	23.86	23.76	24.5
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.78	23.86	23.82	24.5
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.83	23.84	23.79	24.5
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.79	23.79	23.76	24.5
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.82	23.86	23.75	24.5
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.86	23.84	23.75	24.5

<FR1 n70_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		23.95		24.6
15	PI/2 BPSK	1	40		23.65		
15	PI/2 BPSK	1	77		23.74		
15	PI/2 BPSK	36	0		23.08		24.1
15	PI/2 BPSK	36	22		23.71		24.6
15	PI/2 BPSK	36	43		23.21		24.1
15	PI/2 BPSK	75	0		23.14		
15	QPSK	1	1		22.80		24.6
15	QPSK	1	40		23.70		
15	QPSK	1	77		23.78		
15	QPSK	36	0		22.60		23.6
15	QPSK	36	22		23.61		24.6
15	QPSK	36	43		22.75		23.6
15	QPSK	75	0		22.65		
15	16QAM	1	1		22.60		23.6
15	64QAM	1	1		21.15		22.1
15	256QAM	1	1		19.18		20.1
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	23.64	23.68	23.68	24.6
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	23.52	23.48	23.52	24.6

<FR1 n70_Ant MIMO2_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		23.31		24.6
15	PI/2 BPSK	1	40		23.22		
15	PI/2 BPSK	1	77		23.26		
15	PI/2 BPSK	36	0		22.70		24.1
15	PI/2 BPSK	36	22		23.25		24.6
15	PI/2 BPSK	36	43		22.79		24.1
15	PI/2 BPSK	75	0		22.83		
15	QPSK	1	1		23.16		24.6
15	QPSK	1	40		23.23		
15	QPSK	1	77		23.30		
15	QPSK	36	0		22.23		23.6
15	QPSK	36	22		23.23		24.6
15	QPSK	36	43		22.29		23.6
15	QPSK	75	0		22.32		
15	16QAM	1	1		22.18		23.6
15	64QAM	1	1		20.74		22.1
15	256QAM	1	1		18.78		20.1
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	23.12	23.13	23.20	24.6
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	23.19	23.17	23.19	24.6

<FR1 n71_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.64	23.66	23.46	24.5
20	PI/2 BPSK	1	53	23.09	23.28	23.17	
20	PI/2 BPSK	1	104	23.24	23.38	23.24	
20	PI/2 BPSK	50	0	22.71	22.81	22.71	24.0
20	PI/2 BPSK	50	28	23.14	23.30	23.14	24.5
20	PI/2 BPSK	50	56	22.63	22.78	22.68	24.0
20	PI/2 BPSK	100	0	22.62	22.77	22.61	
20	QPSK	1	1	23.22	23.35	23.25	24.5
20	QPSK	1	53	23.02	23.17	22.97	
20	QPSK	1	104	23.10	23.30	23.10	
20	QPSK	50	0	22.17	22.33	22.20	23.5
20	QPSK	50	28	23.06	23.25	23.12	24.5
20	QPSK	50	56	22.13	22.28	22.17	23.5
20	QPSK	100	0	22.10	22.28	22.10	
20	16QAM	1	1	22.17	22.30	22.18	23.5
20	64QAM	1	1	20.64	20.80	20.64	22.0
20	256QAM	1	1	18.71	18.83	18.71	20.0
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	23.52	23.55	23.27	24.5
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.54	23.49	23.32	24.5
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.53	23.55	23.31	24.5

<FR1 n38_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	23.88	23.89	23.87	24.7
40	PI/2 BPSK	1	53	23.14	23.31	23.21	
40	PI/2 BPSK	1	104	22.78	22.89	22.73	
40	PI/2 BPSK	50	0	22.85	23.00	22.86	24.2
40	PI/2 BPSK	50	28	23.29	23.43	23.26	24.7
40	PI/2 BPSK	50	56	22.54	22.68	22.55	24.2
40	PI/2 BPSK	100	0	22.70	22.85	22.67	
40	QPSK	1	1	23.41	23.60	23.50	24.7
40	QPSK	1	53	23.15	23.28	23.16	
40	QPSK	1	104	22.79	22.93	22.81	
40	QPSK	50	0	22.35	22.45	22.29	23.7
40	QPSK	50	28	23.17	23.36	23.25	24.7
40	QPSK	50	56	21.99	22.18	22.04	23.7
40	QPSK	100	0	22.16	22.36	22.20	
40	16QAM	1	1	22.39	22.50	22.40	23.7
40	64QAM	1	1	20.92	21.02	20.86	22.2
40	256QAM	1	1	18.90	19.02	18.85	20.2
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.78	23.78	23.75	24.7
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	

25	PI/2 BPSK	1	1	23.75	23.70	23.67	24.7
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.70	23.79	23.71	24.7
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.76	23.78	23.69	24.7
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	23.77	23.79	23.73	24.7

<FR1 n38_Ant MIMO2_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	23.81	23.84	23.55	24.7
40	PI/2 BPSK	1	53	22.83	22.90	22.83	
40	PI/2 BPSK	1	104	22.76	22.72	22.75	
40	PI/2 BPSK	50	0	22.60	22.66	22.58	24.2
40	PI/2 BPSK	50	28	22.95	23.01	22.95	24.7
40	PI/2 BPSK	50	56	22.22	22.20	22.23	24.2
40	PI/2 BPSK	100	0	22.38	22.45	22.39	
40	QPSK	1	1	23.03	23.11	23.04	24.7
40	QPSK	1	53	22.75	22.71	22.74	
40	QPSK	1	104	22.75	22.72	22.75	
40	QPSK	50	0	21.99	22.06	22.00	23.7
40	QPSK	50	28	22.82	22.90	22.83	24.8
40	QPSK	50	56	21.72	21.70	21.74	23.7
40	QPSK	100	0	21.86	21.93	21.85	
40	16QAM	1	1	22.08	22.15	22.09	23.7
40	64QAM	1	1	20.58	20.65	20.58	22.2
40	256QAM	1	1	18.57	18.64	18.56	20.2
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.70	23.73	23.40	24.7
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	23.66	23.64	23.44	24.7
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.71	23.69	23.39	24.7
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.62	23.74	23.40	24.7
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	23.64	23.70	23.35	24.7

<FR1 n41_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.80	23.85	23.66	25.0
100	PI/2 BPSK	1	137	23.04	23.20	23.04	
100	PI/2 BPSK	1	271	23.25	23.35	23.20	
100	PI/2 BPSK	135	0	22.60	22.73	22.61	24.5
100	PI/2 BPSK	135	69	23.00	23.15	23.17	25.0
100	PI/2 BPSK	135	138	22.62	22.73	22.54	24.5
100	PI/2 BPSK	270	0	22.65	22.65	22.53	
100	QPSK	1	1	23.18	23.33	23.13	25.0
100	QPSK	1	137	23.14	23.12	23.16	
100	QPSK	1	271	23.15	23.26	23.12	
100	QPSK	135	0	22.02	22.22	22.08	24.0
100	QPSK	135	69	23.16	23.10	23.12	25.0
100	QPSK	135	138	22.12	22.11	22.16	24.0
100	QPSK	270	0	22.03	22.18	22.01	
100	16QAM	1	1	22.08	22.27	22.13	24.0
100	64QAM	1	1	20.63	20.78	20.61	22.5
100	256QAM	1	1	18.63	18.76	18.58	20.5
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.66	23.70	23.56	25.0
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.70	23.66	23.48	25.0
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.65	23.70	23.54	25.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.70	23.75	23.49	25.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.67	23.65	23.54	25.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.60	23.71	23.49	25.0
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.70	23.75	23.54	25.0
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.67	23.71	23.50	25.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.64	23.75	23.51	25.0
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.67	23.68	23.56	25.0
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.65	23.71	23.53	25.0

<FR1 n41_Ant MIMO2_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.88	23.92	23.51	25.0
100	PI/2 BPSK	1	137	23.03	23.10	23.03	
100	PI/2 BPSK	1	271	23.08	23.05	23.07	
100	PI/2 BPSK	135	0	22.62	22.70	22.64	24.5
100	PI/2 BPSK	135	69	23.04	23.12	23.06	25.0
100	PI/2 BPSK	135	138	22.60	22.76	22.58	24.5
100	PI/2 BPSK	270	0	22.52	22.59	22.53	
100	QPSK	1	1	23.34	23.40	23.33	25.0
100	QPSK	1	137	23.11	23.18	23.11	
100	QPSK	1	271	23.12	23.19	23.13	
100	QPSK	135	0	22.04	22.12	22.06	24.0
100	QPSK	135	69	23.02	23.00	23.04	25.0
100	QPSK	135	138	22.08	22.15	22.07	24.0
100	QPSK	270	0	22.09	22.07	22.09	
100	16QAM	1	1	22.25	22.33	22.26	24.0
100	64QAM	1	1	20.75	20.82	20.74	22.5
100	256QAM	1	1	18.73	18.80	18.73	20.5
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.74	23.73	23.33	25.0
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.78	23.79	23.40	25.0
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.78	23.74	23.32	25.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.75	23.73	23.35	25.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.77	23.75	23.38	25.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.77	23.72	23.41	25.0
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.74	23.75	23.33	25.0
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.70	23.77	23.37	25.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.70	23.74	23.39	25.0
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.77	23.79	23.32	25.0
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.69	23.72	23.37	25.0

<FR1 n41_Ant Aux_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.08	23.30	23.12	25.0
100	PI/2 BPSK	1	137	23.16	23.00	23.10	
100	PI/2 BPSK	1	271	23.21	23.06	23.18	
100	PI/2 BPSK	135	0	22.61	22.50	22.64	24.5
100	PI/2 BPSK	135	69	23.15	23.00	23.18	25.0
100	PI/2 BPSK	135	138	22.76	22.60	22.70	24.5
100	PI/2 BPSK	270	0	22.66	22.52	22.64	
100	QPSK	1	1	23.25	23.06	23.19	25.0
100	QPSK	1	137	23.20	23.02	23.22	
100	QPSK	1	271	23.22	23.05	23.23	
100	QPSK	135	0	22.27	22.08	22.27	24.0
100	QPSK	135	69	23.20	23.06	23.19	25.0
100	QPSK	135	138	22.21	22.10	22.28	24.0
100	QPSK	270	0	22.27	22.13	22.00	
100	16QAM	1	1	22.90	23.05	22.88	24.0
100	64QAM	1	1	20.66	20.53	20.65	22.5
100	256QAM	1	1	18.71	18.56	18.74	20.5
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.06	23.28	23.08	25.0
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.06	23.28	23.10	25.0
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.06	23.26	23.08	25.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.05	23.27	23.10	25.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.05	23.28	23.09	25.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.06	23.26	23.10	25.0
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.04	23.27	23.08	25.0
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.04	23.27	23.10	25.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.04	23.26	23.09	25.0
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.06	23.26	23.08	25.0
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.04	23.27	23.10	25.0

<FR1 n41_Ant MIMO 3_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.10	23.38	23.05	25.0
100	PI/2 BPSK	1	137	23.11	23.25	23.12	
100	PI/2 BPSK	1	271	23.32	23.05	23.31	
100	PI/2 BPSK	135	0	22.83	22.58	22.85	24.5
100	PI/2 BPSK	135	69	23.18	23.25	23.19	25.0
100	PI/2 BPSK	135	138	22.68	22.75	22.68	24.5
100	PI/2 BPSK	270	0	22.61	22.53	22.63	
100	QPSK	1	1	23.29	23.30	23.30	25.0
100	QPSK	1	137	23.11	23.20	23.10	
100	QPSK	1	271	23.14	23.13	23.13	
100	QPSK	135	0	22.23	22.10	22.25	24.0
100	QPSK	135	69	23.19	23.16	23.22	25.0
100	QPSK	135	138	22.24	22.20	22.27	24.0
100	QPSK	270	0	22.32	22.05	22.32	
100	16QAM	1	1	22.53	22.22	22.50	24.0
100	64QAM	1	1	20.94	20.70	20.94	22.5
100	256QAM	1	1	18.81	18.75	18.79	20.5
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.04	23.29	23.27	25.0
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.04	23.33	23.28	25.0
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.04	23.31	23.27	25.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.04	23.28	23.26	25.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.04	23.28	23.27	25.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.03	23.33	23.27	25.0
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.01	23.30	23.30	25.0
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.01	23.29	23.28	25.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.00	23.29	23.28	25.0
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.01	23.30	23.28	25.0
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.02	23.33	23.25	25.0

<FR1 n41_HPUE_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.14	26.23	26.19	27.0
100	PI/2 BPSK	1	137	25.85	26.01	25.81	
100	PI/2 BPSK	1	271	25.93	26.04	25.87	
100	PI/2 BPSK	135	0	25.45	25.60	25.47	26.5
100	PI/2 BPSK	135	69	25.89	26.01	25.84	27.0
100	PI/2 BPSK	135	138	25.32	25.52	25.32	26.5
100	PI/2 BPSK	270	0	25.36	25.52	25.40	
100	QPSK	1	1	26.03	26.17	25.97	27.0
100	QPSK	1	137	25.87	25.97	25.78	
100	QPSK	1	271	25.95	26.11	25.95	
100	QPSK	135	0	24.93	25.08	24.91	26.0
100	QPSK	135	69	25.81	25.94	25.77	27.0
100	QPSK	135	138	24.76	24.95	24.81	26.0
100	QPSK	270	0	24.85	25.00	24.89	
100	16QAM	1	1	24.95	25.09	24.92	26.0
100	64QAM	1	1	23.43	23.57	23.45	24.5
100	256QAM	1	1	21.36	21.56	21.43	22.5
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.94	26.03	26.05	27.0
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.04	26.04	26.06	27.0
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.00	26.03	26.07	27.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.01	26.09	26.04	27.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.97	26.04	26.04	27.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.98	26.09	26.01	27.0
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.97	26.03	26.04	27.0
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	25.97	26.11	26.05	27.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.98	26.12	26.00	27.0
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.01	26.06	25.99	27.0
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.97	26.13	26.01	27.0

<FR1 n41_HPUE_Ant MIMO2_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.55	25.96	25.90	27.0
100	PI/2 BPSK	1	137	25.08	25.00	25.07	
100	PI/2 BPSK	1	271	25.11	25.13	25.11	
100	PI/2 BPSK	135	0	24.78	24.81	24.79	26.5
100	PI/2 BPSK	135	69	25.08	25.10	25.08	27.0
100	PI/2 BPSK	135	138	24.50	24.52	24.59	26.5
100	PI/2 BPSK	270	0	24.93	24.95	24.93	
100	QPSK	1	1	25.93	25.95	25.91	27.0
100	QPSK	1	137	25.07	25.00	25.07	
100	QPSK	1	271	25.08	25.02	25.08	
100	QPSK	135	0	24.52	24.55	24.53	26.0
100	QPSK	135	69	25.06	25.10	25.08	27.0
100	QPSK	135	138	24.00	24.03	24.00	26.0
100	QPSK	270	0	24.26	24.30	24.28	
100	16QAM	1	1	24.88	24.91	24.89	26.0
100	64QAM	1	1	23.58	23.60	23.57	24.5
100	256QAM	1	1	21.60	21.64	21.60	22.5
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.40	25.83	25.75	27.0
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.39	25.80	25.74	27.0
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.43	25.83	25.72	27.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.36	25.80	25.72	27.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.39	25.84	25.80	27.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.44	25.76	25.78	27.0
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.38	25.83	25.78	27.0
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	25.41	25.81	25.73	27.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.43	25.86	25.78	27.0
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.40	25.84	25.76	27.0
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.39	25.76	25.80	27.0

<FR1 n41_HPUE_Ant Aux_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.21	25.97	25.33	27.0
100	PI/2 BPSK	1	137	25.17	25.45	25.25	
100	PI/2 BPSK	1	271	25.18	25.71	25.26	
100	PI/2 BPSK	135	0	25.26	25.39	25.23	26.5
100	PI/2 BPSK	135	69	25.41	25.61	25.51	27.0
100	PI/2 BPSK	135	138	24.94	25.11	24.93	26.5
100	PI/2 BPSK	270	0	25.38	25.49	25.38	
100	QPSK	1	1	25.81	25.95	25.80	27.0
100	QPSK	1	137	25.53	25.72	25.54	
100	QPSK	1	271	25.63	25.83	25.64	
100	QPSK	135	0	24.85	24.95	24.83	26.0
100	QPSK	135	69	25.80	25.90	25.71	27.0
100	QPSK	135	138	24.70	24.80	24.68	26.0
100	QPSK	270	0	24.72	24.92	24.80	
100	16QAM	1	1	24.79	24.98	24.87	26.0
100	64QAM	1	1	23.32	23.49	23.35	24.5
100	256QAM	1	1	21.31	21.50	21.38	22.5
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.15	25.89	25.28	27.0
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.12	25.91	25.27	27.0
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.14	25.87	25.28	27.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.12	25.89	25.26	27.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.14	25.89	25.28	27.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.13	25.91	25.28	27.0
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.13	25.90	25.25	27.0
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	25.15	25.92	25.28	27.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.11	25.88	25.24	27.0
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.13	25.87	25.25	27.0
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.14	25.88	25.27	27.0

<FR1 n41_HPUE_Ant MIMO 3_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.20	25.86	25.30	27.0
100	PI/2 BPSK	1	137	25.06	25.05	25.08	
100	PI/2 BPSK	1	271	25.07	25.20	25.09	
100	PI/2 BPSK	135	0	24.75	24.87	24.69	26.5
100	PI/2 BPSK	135	69	25.00	25.11	25.02	27.0
100	PI/2 BPSK	135	138	24.59	24.69	24.50	26.5
100	PI/2 BPSK	270	0	24.63	24.80	24.62	
100	QPSK	1	1	25.60	25.80	25.69	27.0
100	QPSK	1	137	25.11	25.10	25.11	
100	QPSK	1	271	25.04	25.15	25.19	
100	QPSK	135	0	24.51	24.70	24.53	26.0
100	QPSK	135	69	25.19	25.11	25.19	27.0
100	QPSK	135	138	24.12	24.30	24.10	26.0
100	QPSK	270	0	24.43	24.60	24.47	
100	16QAM	1	1	24.86	25.02	24.90	26.0
100	64QAM	1	1	23.36	23.55	23.45	24.5
100	256QAM	1	1	21.40	21.54	21.43	22.5
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.10	25.68	25.12	27.0
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.04	25.71	25.10	27.0
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.02	25.70	25.10	27.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.10	25.71	25.12	27.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.09	25.75	25.19	27.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.00	25.73	25.15	27.0
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.08	25.67	25.18	27.0
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	25.09	25.68	25.18	27.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.03	25.76	25.15	27.0
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.01	25.66	25.12	27.0
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.03	25.67	25.10	27.0

<FR1 n48_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	20.91	21.04	20.95	21.8
40	PI/2 BPSK	1	53	20.75	20.93	20.75	
40	PI/2 BPSK	1	104	20.69	20.87	20.74	
40	PI/2 BPSK	50	0	20.81	20.98	20.86	21.3
40	PI/2 BPSK	50	28	20.85	20.98	20.88	21.8
40	PI/2 BPSK	50	56	20.68	20.86	20.71	21.3
40	PI/2 BPSK	100	0	20.73	20.92	20.73	
40	QPSK	1	1	20.76	20.89	20.73	21.8
40	QPSK	1	53	20.70	20.82	20.70	
40	QPSK	1	104	20.68	20.81	20.70	
40	QPSK	50	0	20.55	20.70	20.53	20.8
40	QPSK	50	28	20.70	20.90	20.71	21.8
40	QPSK	50	56	20.56	20.70	20.56	20.8
40	QPSK	100	0	20.56	20.68	20.55	
40	16QAM	1	1	20.60	20.73	20.55	20.8
40	64QAM	1	1	18.81	19.00	18.86	19.3
40	256QAM	1	1	16.93	17.10	16.94	17.3
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	20.72	20.88	20.75	21.8
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	20.78	20.85	20.81	21.8
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	20.78	20.90	20.79	21.8
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	20.80	20.88	20.74	21.8
Channel				636834	641666	646500	Tune-up limit (dBm)
Frequency (MHz)				3552.51	3624.99	3697.5	
5	PI/2 BPSK	1	1	20.78	20.91	20.74	21.8

<FR1 n48_Ant MIMO2_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	20.52	20.72	20.57	21.8
40	PI/2 BPSK	1	53	20.53	20.67	20.50	
40	PI/2 BPSK	1	104	20.55	20.68	20.52	
40	PI/2 BPSK	50	0	20.50	20.70	20.57	21.3
40	PI/2 BPSK	50	28	20.49	20.69	20.51	21.8
40	PI/2 BPSK	50	56	20.46	20.65	20.53	21.3
40	PI/2 BPSK	100	0	20.54	20.69	20.57	
40	QPSK	1	1	20.51	20.64	20.50	21.8
40	QPSK	1	53	20.46	20.58	20.39	
40	QPSK	1	104	20.50	20.60	20.43	
40	QPSK	50	0	20.50	20.66	20.56	20.8
40	QPSK	50	28	20.47	20.63	20.45	21.8
40	QPSK	50	56	20.60	20.70	20.50	20.8
40	QPSK	100	0	20.45	20.65	20.48	
40	16QAM	1	1	20.48	20.60	20.46	20.8
40	64QAM	1	1	18.97	19.10	18.98	19.3
40	256QAM	1	1	17.00	17.15	17.02	17.3
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	20.38	20.62	20.43	21.8
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	20.42	20.59	20.43	21.8
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	20.36	20.54	20.42	21.8
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	20.36	20.62	20.40	21.8
Channel				636834	641666	646500	Tune-up limit (dBm)
Frequency (MHz)				3552.51	3624.99	3697.5	
5	PI/2 BPSK	1	1	20.34	20.59	20.38	21.8

<FR1 n77_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	23.23	23.27	23.18	25.1
100	PI/2 BPSK	1	137	23.13	23.26	23.16	
100	PI/2 BPSK	1	271	23.12	23.10	23.16	
100	PI/2 BPSK	135	0	22.60	22.73	22.78	24.6
100	PI/2 BPSK	135	69	23.25	23.21	23.24	25.1
100	PI/2 BPSK	135	138	22.62	22.75	22.65	24.6
100	PI/2 BPSK	270	0	22.64	22.75	22.79	
100	QPSK	1	1	23.20	23.14	23.22	25.1
100	QPSK	1	137	23.26	23.20	23.21	
100	QPSK	1	271	23.12	23.12	23.12	
100	QPSK	135	0	22.23	22.20	22.24	24.1
100	QPSK	135	69	23.20	23.16	23.23	25.1
100	QPSK	135	138	22.12	22.24	22.10	24.1
100	QPSK	270	0	22.27	22.26	22.28	
100	16QAM	1	1	22.10	22.26	22.10	24.1
100	64QAM	1	1	20.79	20.71	20.72	22.6
100	256QAM	1	1	18.79	18.70	18.74	20.6
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	23.14	23.10	23.12	25.1
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	23.11	23.15	23.14	25.1
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	23.14	23.16	23.10	25.1
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.0212	3840	3949.98	
60	PI/2 BPSK	1	1	23.14	23.11	23.15	25.1
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	23.13	23.14	23.16	25.1
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	23.16	23.12	23.12	25.1
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	23.12	23.10	23.10	25.1
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	23.12	23.11	23.17	25.1
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	23.16	23.15	23.14	25.1
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	23.17	23.16	23.13	25.1
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	23.19	23.25	23.14	25.1

<FR1 n77_Ant MIMO2_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	23.46	23.61	23.41	25.1
100	PI/2 BPSK	1	137	23.20	23.32	23.18	
100	PI/2 BPSK	1	271	23.23	23.40	23.21	
100	PI/2 BPSK	135	0	22.69	22.82	22.63	24.6
100	PI/2 BPSK	135	69	23.12	23.22	23.14	25.1
100	PI/2 BPSK	135	138	22.69	22.79	22.65	24.6
100	PI/2 BPSK	270	0	22.64	22.77	22.69	
100	QPSK	1	1	23.24	23.40	23.20	25.1
100	QPSK	1	137	23.15	23.26	23.16	
100	QPSK	1	271	23.29	23.40	23.22	
100	QPSK	135	0	22.19	22.28	22.13	24.1
100	QPSK	135	69	23.10	23.22	23.19	25.1
100	QPSK	135	138	22.14	22.32	22.18	24.1
100	QPSK	270	0	22.11	22.30	22.12	
100	16QAM	1	1	22.19	22.33	22.14	24.1
100	64QAM	1	1	20.68	20.78	20.61	22.6
100	256QAM	1	1	18.69	18.85	18.72	20.6
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	23.26	23.48	23.23	25.1
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	23.32	23.47	23.28	25.1
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	23.33	23.43	23.25	25.1
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	23.26	23.50	23.30	25.1
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	23.29	23.41	23.31	25.1
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	23.35	23.48	23.23	25.1
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	23.36	23.49	23.22	25.1
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	23.31	23.48	23.28	25.1
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	23.27	23.41	23.31	25.1
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	23.28	23.49	23.30	25.1
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	23.27	23.50	23.29	25.1

<FR1 n77_Ant Aux_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	23.42	23.46	23.35	25.1
100	PI/2 BPSK	1	137	23.15	23.19	23.14	
100	PI/2 BPSK	1	271	23.16	23.30	23.18	
100	PI/2 BPSK	135	0	22.66	22.77	22.66	24.6
100	PI/2 BPSK	135	69	23.16	23.24	23.11	25.1
100	PI/2 BPSK	135	138	22.68	22.82	22.68	24.6
100	PI/2 BPSK	270	0	22.71	22.82	22.63	
100	QPSK	1	1	23.23	23.40	23.29	25.1
100	QPSK	1	137	23.10	23.28	23.12	
100	QPSK	1	271	23.31	23.43	23.29	
100	QPSK	135	0	22.19	22.24	22.15	24.1
100	QPSK	135	69	23.10	23.17	23.13	25.1
100	QPSK	135	138	22.15	22.25	22.10	24.1
100	QPSK	270	0	22.18	22.26	22.19	
100	16QAM	1	1	22.29	22.40	22.28	24.1
100	64QAM	1	1	20.76	20.86	20.67	22.6
100	256QAM	1	1	18.67	18.84	18.67	20.6
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	23.32	23.32	23.16	25.1
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	23.32	23.28	23.15	25.1
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	23.24	23.33	23.16	25.1
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	23.32	23.30	23.22	25.1
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	23.32	23.34	23.16	25.1
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	23.31	23.35	23.21	25.1
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	23.23	23.36	23.23	25.1
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	23.24	23.26	23.25	25.1
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	23.28	23.35	23.20	25.1
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	23.28	23.34	23.23	25.1
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	23.25	23.28	23.16	25.1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	19.35	19.40	18.90	20.0
100	PI/2 BPSK	1	137	18.60	18.73	18.60	
100	PI/2 BPSK	1	271	18.60	18.80	18.69	
100	PI/2 BPSK	135	0	18.62	18.77	18.66	20.0
100	PI/2 BPSK	135	69	18.63	18.75	18.61	20.0
100	PI/2 BPSK	135	138	18.65	18.83	18.70	20.0
100	PI/2 BPSK	270	0	18.71	18.81	18.71	
100	QPSK	1	1	18.80	19.00	18.85	20.0
100	QPSK	1	137	18.60	18.77	18.62	
100	QPSK	1	271	18.64	18.83	18.71	
100	QPSK	135	0	18.60	18.79	18.62	20.0
100	QPSK	135	69	18.56	18.68	18.52	20.0
100	QPSK	135	138	18.65	18.82	18.64	20.0
100	QPSK	270	0	18.67	18.83	18.69	
100	16QAM	1	1	18.72	18.82	18.63	20.0
100	64QAM	1	1	18.64	18.79	18.65	20.0
100	256QAM	1	1	18.38	18.57	18.37	20.0
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	19.15	19.23	18.75	20.0
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	19.20	19.27	18.72	20.0
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	19.22	19.23	18.76	20.0
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	19.20	19.29	18.70	20.0
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	19.16	19.23	18.80	20.0
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	19.24	19.25	18.71	20.0
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	19.22	19.26	18.71	20.0
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	19.19	19.30	18.75	20.0
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	19.24	19.23	18.72	20.0
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	19.17	19.26	18.80	20.0
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	19.15	19.29	18.76	20.0

<FR1 n77_HPUE_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	25.90	25.92	25.91	26.0
100	PI/2 BPSK	1	137	25.60	25.74	25.57	
100	PI/2 BPSK	1	271	25.74	25.86	25.69	
100	PI/2 BPSK	135	0	25.10	25.27	25.09	25.5
100	PI/2 BPSK	135	69	24.60	24.71	24.55	26.0
100	PI/2 BPSK	135	138	25.13	25.23	25.03	25.5
100	PI/2 BPSK	270	0	25.18	25.29	25.13	
100	QPSK	1	1	25.77	25.90	25.78	26.0
100	QPSK	1	137	25.60	25.72	25.59	
100	QPSK	1	271	25.65	25.81	25.62	
100	QPSK	135	0	24.55	24.67	24.55	25.0
100	QPSK	135	69	25.53	25.66	25.50	26.0
100	QPSK	135	138	24.57	24.70	24.59	25.0
100	QPSK	270	0	24.64	24.78	24.68	
100	16QAM	1	1	24.66	24.80	24.62	25.0
100	64QAM	1	1	23.18	23.32	23.13	23.5
100	256QAM	1	1	21.13	21.28	21.13	21.5
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	25.74	25.78	25.76	26.0
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	25.75	25.81	25.78	26.0
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	25.78	25.73	25.73	26.0
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	25.72	25.75	25.73	26.0
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	25.77	25.82	25.73	26.0
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	25.74	25.78	25.80	26.0
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	25.70	25.77	25.72	26.0
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	25.73	25.79	25.75	26.0
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	25.70	25.82	25.71	26.0
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	25.75	25.81	25.80	26.0
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	25.79	25.80	25.75	26.0

<FR1 n77_HPUE_Ant MIMO2_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	25.70	25.75	25.60	26.0
100	PI/2 BPSK	1	137	25.14	25.32	25.15	
100	PI/2 BPSK	1	271	24.97	25.17	25.03	
100	PI/2 BPSK	135	0	25.10	25.30	25.14	25.5
100	PI/2 BPSK	135	69	25.38	25.48	25.33	26.0
100	PI/2 BPSK	135	138	24.96	25.10	24.97	25.5
100	PI/2 BPSK	270	0	25.30	25.49	25.29	
100	QPSK	1	1	25.50	25.70	25.56	26.0
100	QPSK	1	137	25.47	25.62	25.48	
100	QPSK	1	271	25.36	25.46	25.35	
100	QPSK	135	0	24.81	24.97	24.87	25.0
100	QPSK	135	69	25.51	25.70	25.58	26.0
100	QPSK	135	138	24.57	24.69	24.49	25.0
100	QPSK	270	0	24.79	24.98	24.85	
100	16QAM	1	1	24.77	24.88	24.71	25.0
100	64QAM	1	1	23.30	23.42	23.26	23.5
100	256QAM	1	1	21.28	21.48	21.31	21.5
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	25.60	25.64	25.43	26.0
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	25.54	25.65	25.44	26.0
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	25.53	25.56	25.48	26.0
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	25.51	25.64	25.46	26.0
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	25.52	25.58	25.49	26.0
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	25.58	25.56	25.42	26.0
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	25.54	25.55	25.43	26.0
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	25.56	25.55	25.50	26.0
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	25.52	25.60	25.46	26.0
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	25.50	25.64	25.42	26.0
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	25.53	25.65	25.46	26.0

<FR1 n77_HPUE_Ant Aux_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.99	25.02	24.80	26.0
100	PI/2 BPSK	1	137	24.54	24.72	24.52	
100	PI/2 BPSK	1	271	24.62	24.77	24.66	
100	PI/2 BPSK	135	0	24.57	24.70	24.53	25.5
100	PI/2 BPSK	135	69	24.67	24.80	24.60	26.0
100	PI/2 BPSK	135	138	24.60	24.72	24.54	25.5
100	PI/2 BPSK	270	0	24.54	24.71	24.51	
100	QPSK	1	1	24.69	24.79	24.66	26.0
100	QPSK	1	137	24.43	24.62	24.48	
100	QPSK	1	271	24.62	24.73	24.53	
100	QPSK	135	0	24.55	24.68	24.48	25.0
100	QPSK	135	69	24.43	24.60	24.42	26.0
100	QPSK	135	138	24.52	24.70	24.51	25.0
100	QPSK	270	0	24.50	24.67	24.50	
100	16QAM	1	1	24.59	24.72	24.53	25.0
100	64QAM	1	1	23.16	23.30	23.15	23.5
100	256QAM	1	1	21.12	21.28	21.17	21.5
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	24.79	24.87	24.69	26.0
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	24.79	24.90	24.61	26.0
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	24.79	24.82	24.64	26.0
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	24.82	24.83	24.60	26.0
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	24.87	24.84	24.69	26.0
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	24.81	24.87	24.63	26.0
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	24.87	24.86	24.67	26.0
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	24.88	24.86	24.63	26.0
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	24.82	24.90	24.66	26.0
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	24.86	24.82	24.61	26.0
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	24.79	24.92	24.64	26.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.38	22.40	21.92	23.0
100	PI/2 BPSK	1	137	21.62	21.82	21.63	
100	PI/2 BPSK	1	271	21.73	21.85	21.73	
100	PI/2 BPSK	135	0	21.67	21.77	21.59	23.0
100	PI/2 BPSK	135	69	21.61	21.80	21.60	23.0
100	PI/2 BPSK	135	138	21.64	21.80	21.61	23.0
100	PI/2 BPSK	270	0	21.73	21.88	21.77	
100	QPSK	1	1	21.80	22.00	21.84	23.0
100	QPSK	1	137	21.54	21.69	21.51	
100	QPSK	1	271	21.75	21.90	21.78	
100	QPSK	135	0	21.65	21.80	21.69	23.0
100	QPSK	135	69	21.57	21.70	21.53	23.0
100	QPSK	135	138	21.62	21.72	21.61	23.0
100	QPSK	270	0	21.64	21.76	21.57	
100	16QAM	1	1	21.62	21.80	21.69	23.0
100	64QAM	1	1	21.62	21.78	21.61	23.0
100	256QAM	1	1	21.18	21.35	21.16	21.5
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	22.19	22.26	21.79	23.0
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	22.19	22.22	21.75	23.0
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	22.18	22.21	21.82	23.0
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	22.19	22.30	21.74	23.0
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	22.20	22.20	21.80	23.0
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	22.27	22.22	21.75	23.0
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	22.20	22.30	21.73	23.0
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	22.28	22.20	21.74	23.0
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	22.25	22.21	21.74	23.0
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	22.28	22.26	21.81	23.0
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	22.20	22.29	21.77	23.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.41		25.1
100	PI/2 BPSK	1	137		23.20		
100	PI/2 BPSK	1	271		23.25		
100	PI/2 BPSK	135	0		22.71		24.6
100	PI/2 BPSK	135	69		23.16		25.1
100	PI/2 BPSK	135	138		22.67		24.6
100	PI/2 BPSK	270	0		22.68		
100	QPSK	1	1		23.21		25.1
100	QPSK	1	137		23.10		
100	QPSK	1	271		23.10		
100	QPSK	135	0		22.22		24.1
100	QPSK	135	69		23.13		25.1
100	QPSK	135	138		22.14		24.1
100	QPSK	270	0		22.20		
100	16QAM	1	1		22.22		24.1
100	64QAM	1	1		20.76		22.6
100	256QAM	1	1		18.75		20.6
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.21	23.30	23.25	25.1
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.13	23.22	23.18	25.1
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.14	23.23	23.18	25.1
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.14	23.22	23.18	25.1
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.15	23.22	23.17	25.1
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.15	23.22	23.17	25.1
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.15	23.23	23.18	25.1
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.13	23.22	23.19	25.1
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.15	23.24	23.17	25.1
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.15	23.24	23.18	25.1
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.15	23.23	23.17	25.1

<FR1 n77_Ant MIMO2_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.99		25.1
100	PI/2 BPSK	1	137		23.53		
100	PI/2 BPSK	1	271		23.56		
100	PI/2 BPSK	135	0		23.12		24.6
100	PI/2 BPSK	135	69		23.55		25.1
100	PI/2 BPSK	135	138		23.06		24.6
100	PI/2 BPSK	270	0		23.02		
100	QPSK	1	1		23.75		25.1
100	QPSK	1	137		23.41		
100	QPSK	1	271		23.57		
100	QPSK	135	0		22.51		24.1
100	QPSK	135	69		23.40		25.1
100	QPSK	135	138		22.52		24.1
100	QPSK	270	0		22.47		
100	16QAM	1	1		22.65		24.1
100	64QAM	1	1		21.12		22.6
100	256QAM	1	1		19.11		20.6
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.66	23.68	23.66	25.1
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.51	23.50	23.49	25.1
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.51	23.55	23.54	25.1
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.53	23.58	23.47	25.1
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.56	23.49	23.55	25.1
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.47	23.52	23.53	25.1
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.54	23.58	23.48	25.1
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.53	23.57	23.51	25.1
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.55	23.57	23.56	25.1
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.52	23.49	23.47	25.1
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.52	23.54	23.46	25.1

<FR1 n77_Ant Aux_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.05		25.1
100	PI/2 BPSK	1	137		23.70		
100	PI/2 BPSK	1	271		23.74		
100	PI/2 BPSK	135	0		23.34		24.6
100	PI/2 BPSK	135	69		24.00		25.1
100	PI/2 BPSK	135	138		23.25		24.6
100	PI/2 BPSK	270	0		23.31		
100	QPSK	1	1		23.95		25.1
100	QPSK	1	137		23.76		
100	QPSK	1	271		23.76		
100	QPSK	135	0		22.77		24.1
100	QPSK	135	69		23.64		25.1
100	QPSK	135	138		22.66		24.1
100	QPSK	270	0		22.75		
100	16QAM	1	1		22.93		24.1
100	64QAM	1	1		21.40		22.6
100	256QAM	1	1		19.40		20.6
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.92	23.96	23.94	25.1
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.81	23.84	23.81	25.1
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.79	23.84	23.75	25.1
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.79	23.77	23.80	25.1
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.77	23.85	23.76	25.1
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.77	23.78	23.79	25.1
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.74	23.76	23.80	25.1
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.82	23.86	23.79	25.1
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.81	23.86	23.78	25.1
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.73	23.80	23.74	25.1
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.75	23.83	23.78	25.1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.90		20.0
100	PI/2 BPSK	1	137		18.66		
100	PI/2 BPSK	1	271		18.85		
100	PI/2 BPSK	135	0		18.77		20.0
100	PI/2 BPSK	135	69		18.75		20.0
100	PI/2 BPSK	135	138		18.73		20.0
100	PI/2 BPSK	270	0		18.80		
100	QPSK	1	1		18.88		20.0
100	QPSK	1	137		18.65		
100	QPSK	1	271		18.82		
100	QPSK	135	0		18.64		20.0
100	QPSK	135	69		18.66		20.0
100	QPSK	135	138		18.72		20.0
100	QPSK	270	0		18.74		
100	16QAM	1	1		18.82		20.0
100	64QAM	1	1		18.80		20.0
100	256QAM	1	1		18.41		20.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.83	18.88	18.81	20.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.70	18.73	18.63	20.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.64	18.74	18.69	20.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.68	18.77	18.61	20.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.66	18.73	18.68	20.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.63	18.77	18.71	20.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.63	18.73	18.65	20.0
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.71	18.72	18.68	20.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.68	18.78	18.69	20.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.65	18.72	18.68	20.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.71	18.68	18.70	20.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.97		26.0
100	PI/2 BPSK	1	137		25.59		
100	PI/2 BPSK	1	271		25.74		
100	PI/2 BPSK	135	0		25.15		25.5
100	PI/2 BPSK	135	69		24.59		26.0
100	PI/2 BPSK	135	138		25.13		25.5
100	PI/2 BPSK	270	0		25.11		
100	QPSK	1	1		25.78		26.0
100	QPSK	1	137		25.52		
100	QPSK	1	271		25.66		
100	QPSK	135	0		24.49		25.0
100	QPSK	135	69		25.47		26.0
100	QPSK	135	138		24.53		25.0
100	QPSK	270	0		24.61		
100	16QAM	1	1		24.70		25.0
100	64QAM	1	1		23.18		23.5
100	256QAM	1	1		21.10		21.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.74	25.72	25.74	26.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.75	25.79	25.71	26.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.77	25.74	25.76	26.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.79	25.78	25.72	26.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.75	25.72	25.78	26.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.77	25.76	25.72	26.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.77	25.77	25.75	26.0
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.74	25.76	25.80	26.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.73	25.73	25.79	26.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.75	25.77	25.76	26.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.80	25.74	25.76	26.0

<FR1 n77_HPUE_Ant MIMO2_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.99		26.0
100	PI/2 BPSK	1	137		25.65		
100	PI/2 BPSK	1	271		25.55		
100	PI/2 BPSK	135	0		25.50		25.5
100	PI/2 BPSK	135	69		25.70		26.0
100	PI/2 BPSK	135	138		25.20		25.5
100	PI/2 BPSK	270	0		25.50		
100	QPSK	1	1		25.89		26.0
100	QPSK	1	137		25.71		
100	QPSK	1	271		25.90		
100	QPSK	135	0		24.62		25.0
100	QPSK	135	69		25.89		26.0
100	QPSK	135	138		24.92		25.0
100	QPSK	270	0		24.88		
100	16QAM	1	1		24.94		25.0
100	64QAM	1	1		23.44		23.5
100	256QAM	1	1		21.47		21.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.88	25.85	25.96	26.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.71	25.75	25.82	26.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.72	25.75	25.79	26.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.75	25.70	25.76	26.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.74	25.75	25.77	26.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.69	25.73	25.80	26.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.70	25.74	25.85	26.0
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.74	25.73	25.86	26.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.73	25.68	25.85	26.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.73	25.66	25.83	26.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.76	25.68	25.78	26.0

<FR1 n77_HPUE_Ant Aux_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.91		26.0
100	PI/2 BPSK	1	137		24.72		
100	PI/2 BPSK	1	271		24.83		
100	PI/2 BPSK	135	0		24.84		25.5
100	PI/2 BPSK	135	69		24.85		26.0
100	PI/2 BPSK	135	138		24.72		25.5
100	PI/2 BPSK	270	0		24.76		
100	QPSK	1	1		24.90		26.0
100	QPSK	1	137		24.66		
100	QPSK	1	271		24.80		
100	QPSK	135	0		24.81		25.0
100	QPSK	135	69		24.66		26.0
100	QPSK	135	138		24.71		25.0
100	QPSK	270	0		24.70		
100	16QAM	1	1		24.86		25.0
100	64QAM	1	1		23.36		23.5
100	256QAM	1	1		21.34		21.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.87	24.88	24.89	26.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.67	24.70	24.78	26.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.67	24.71	24.77	26.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.67	24.71	24.73	26.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.68	24.72	24.72	26.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.71	24.68	24.79	26.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.69	24.72	24.70	26.0
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.67	24.68	24.78	26.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.71	24.73	24.75	26.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.74	24.72	24.73	26.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.68	24.72	24.74	26.0

<FR1 n77_HPUE_Ant MIMO 3_Index 1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.92		23.0
100	PI/2 BPSK	1	137		21.70		
100	PI/2 BPSK	1	271		21.88		
100	PI/2 BPSK	135	0		21.73		23.0
100	PI/2 BPSK	135	69		21.73		23.0
100	PI/2 BPSK	135	138		21.81		23.0
100	PI/2 BPSK	270	0		21.83		
100	QPSK	1	1		21.89		23.0
100	QPSK	1	137		21.62		
100	QPSK	1	271		21.88		
100	QPSK	135	0		21.77		23.0
100	QPSK	135	69		21.58		23.0
100	QPSK	135	138		21.74		23.0
100	QPSK	270	0		21.72		
100	16QAM	1	1		21.84		23.0
100	64QAM	1	1		21.82		23.0
100	256QAM	1	1		21.29		21.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.89	21.90	21.86	23.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.78	21.80	21.67	23.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.73	21.78	21.73	23.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.72	21.75	21.73	23.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.69	21.73	21.67	23.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.76	21.80	21.76	23.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.79	21.77	21.70	23.0
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.73	21.77	21.66	23.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.77	21.78	21.72	23.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.69	21.70	21.67	23.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.70	21.70	21.72	23.0

<FR1 n78_Ant Main_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.24		25.1
100	PI/2 BPSK	1	137		23.12		
100	PI/2 BPSK	1	271		23.22		
100	PI/2 BPSK	135	0		22.62		24.6
100	PI/2 BPSK	135	69		23.10		25.1
100	PI/2 BPSK	135	138		22.67		24.6
100	PI/2 BPSK	270	0		22.66		
100	QPSK	1	1		23.21		25.1
100	QPSK	1	137		23.17		
100	QPSK	1	271		23.23		
100	QPSK	135	0		22.10		24.1
100	QPSK	135	69		23.15		25.1
100	QPSK	135	138		22.17		24.1
100	QPSK	270	0		22.14		
100	16QAM	1	1		22.18		24.1
100	64QAM	1	1		20.70		22.6
100	256QAM	1	1		18.68		20.6
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	23.16	23.16	23.10	25.1
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	23.15	23.11	23.12	25.1
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	23.10	23.16	23.17	25.1
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	23.14	23.19	23.13	25.1
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	23.13	23.14	23.10	25.1
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.10	23.13	23.11	25.1
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	23.18	23.17	23.13	25.1
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	23.15	23.14	23.10	25.1
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.14	23.13	23.18	25.1
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	23.12	23.18	23.13	25.1
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	23.10	23.16	23.11	25.1

<FR1 n78_Ant MIMO2_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.35		25.1
100	PI/2 BPSK	1	137		23.31		
100	PI/2 BPSK	1	271		23.20		
100	PI/2 BPSK	135	0		22.80		24.6
100	PI/2 BPSK	135	69		23.25		25.1
100	PI/2 BPSK	135	138		22.80		24.6
100	PI/2 BPSK	270	0		22.75		
100	QPSK	1	1		23.33		25.1
100	QPSK	1	137		23.20		
100	QPSK	1	271		23.22		
100	QPSK	135	0		22.26		24.1
100	QPSK	135	69		23.20		25.1
100	QPSK	135	138		22.24		24.1
100	QPSK	270	0		22.26		
100	16QAM	1	1		22.27		24.1
100	64QAM	1	1		20.78		22.6
100	256QAM	1	1		18.72		20.6
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	23.30	23.32	23.30	25.1
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	23.10	23.19	23.14	25.1
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	23.14	23.14	23.16	25.1
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	23.17	23.17	23.12	25.1
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	23.11	23.15	23.13	25.1
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.13	23.18	23.13	25.1
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	23.12	23.15	23.16	25.1
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	23.17	23.13	23.16	25.1
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.20	23.22	23.13	25.1
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	23.10	23.21	23.15	25.1
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	23.15	23.12	23.13	25.1

<FR1 n78_Ant Aux_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.23		25.1
100	PI/2 BPSK	1	137		23.13		
100	PI/2 BPSK	1	271		23.13		
100	PI/2 BPSK	135	0		22.66		24.6
100	PI/2 BPSK	135	69		23.15		25.1
100	PI/2 BPSK	135	138		22.68		24.6
100	PI/2 BPSK	270	0		22.67		
100	QPSK	1	1		23.18		25.1
100	QPSK	1	137		23.17		
100	QPSK	1	271		23.19		
100	QPSK	135	0		22.66		24.1
100	QPSK	135	69		23.20		25.1
100	QPSK	135	138		22.65		24.1
100	QPSK	270	0		22.63		
100	16QAM	1	1		22.67		24.1
100	64QAM	1	1		20.65		22.6
100	256QAM	1	1		18.63		20.6
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	23.20	23.21	23.18	25.1
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	23.12	23.15	23.11	25.1
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	23.13	23.15	23.12	25.1
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	23.12	23.14	23.10	25.1
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	23.12	23.13	23.11	25.1
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.12	23.15	23.12	25.1
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	23.14	23.14	23.12	25.1
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	23.13	23.14	23.10	25.1
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.12	23.14	23.11	25.1
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	23.13	23.15	23.11	25.1
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	23.13	23.14	23.12	25.1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		19.80		20.0
100	PI/2 BPSK	1	137		19.56		
100	PI/2 BPSK	1	271		19.66		
100	PI/2 BPSK	135	0		19.60		20.0
100	PI/2 BPSK	135	69		19.59		20.0
100	PI/2 BPSK	135	138		19.57		20.0
100	PI/2 BPSK	270	0		19.60		
100	QPSK	1	1		19.77		20.0
100	QPSK	1	137		19.60		
100	QPSK	1	271		19.55		
100	QPSK	135	0		19.56		20.0
100	QPSK	135	69		19.45		20.0
100	QPSK	135	138		19.50		20.0
100	QPSK	270	0		19.64		
100	16QAM	1	1		19.64		20.0
100	64QAM	1	1		19.65		20.0
100	256QAM	1	1		19.35		20.0
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	19.77	19.78	19.74	20.0
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	19.62	19.59	19.62	20.0
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	19.64	19.62	19.64	20.0
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	19.60	19.65	19.64	20.0
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	19.62	19.67	19.54	20.0
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	19.57	19.59	19.59	20.0
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	19.60	19.58	19.63	20.0
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	19.62	19.62	19.60	20.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	19.59	19.63	19.57	20.0
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	19.58	19.58	19.54	20.0
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	19.65	19.61	19.64	20.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		25.88		26.0
100	PI/2 BPSK	1	137		25.64		
100	PI/2 BPSK	1	271		25.75		
100	PI/2 BPSK	135	0		25.23		25.5
100	PI/2 BPSK	135	69		25.71		26.0
100	PI/2 BPSK	135	138		25.17		25.5
100	PI/2 BPSK	270	0		25.20		
100	QPSK	1	1		25.83		26.0
100	QPSK	1	137		25.61		
100	QPSK	1	271		25.72		
100	QPSK	135	0		24.67		25.0
100	QPSK	135	69		25.56		26.0
100	QPSK	135	138		24.59		25.0
100	QPSK	270	0		24.66		
100	16QAM	1	1		24.65		25.0
100	64QAM	1	1		23.24		23.5
100	256QAM	1	1		21.25		21.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	25.61	25.69	25.45	26.0
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	25.65	25.65	25.46	26.0
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	25.58	25.71	25.52	26.0
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	25.59	25.68	25.52	26.0
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	25.63	25.66	25.53	26.0
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	25.67	25.64	25.47	26.0
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	25.59	25.67	25.45	26.0
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	25.64	25.69	25.52	26.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	25.64	25.63	25.44	26.0
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	25.65	25.69	25.53	26.0
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	25.62	25.63	25.44	26.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		25.28		26.0
100	PI/2 BPSK	1	137		25.05		
100	PI/2 BPSK	1	271		25.12		
100	PI/2 BPSK	135	0		24.64		25.5
100	PI/2 BPSK	135	69		25.09		26.0
100	PI/2 BPSK	135	138		24.60		25.5
100	PI/2 BPSK	270	0		24.62		
100	QPSK	1	1		25.27		26.0
100	QPSK	1	137		25.09		
100	QPSK	1	271		25.10		
100	QPSK	135	0		24.14		25.0
100	QPSK	135	69		25.04		26.0
100	QPSK	135	138		24.00		25.0
100	QPSK	270	0		24.12		
100	16QAM	1	1		24.20		25.0
100	64QAM	1	1		22.66		23.5
100	256QAM	1	1		20.63		21.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	25.20	25.23	25.19	26.0
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	25.05	25.09	25.07	26.0
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	25.01	25.03	25.00	26.0
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	25.08	25.08	25.08	26.0
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	25.02	25.11	25.07	26.0
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	25.04	25.12	25.06	26.0
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	25.08	25.04	24.99	26.0
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	25.00	25.13	25.09	26.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	25.06	25.04	25.08	26.0
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	25.08	25.03	25.06	26.0
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	25.03	25.11	25.02	26.0

<FR1 n78_HPUE_Ant Aux_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		25.64		26.0
100	PI/2 BPSK	1	137		25.56		
100	PI/2 BPSK	1	271		25.53		
100	PI/2 BPSK	135	0		24.97		25.5
100	PI/2 BPSK	135	69		25.43		26.0
100	PI/2 BPSK	135	138		25.36		25.5
100	PI/2 BPSK	270	0		25.36		
100	QPSK	1	1		25.58		26.0
100	QPSK	1	137		25.61		
100	QPSK	1	271		25.57		
100	QPSK	135	0		24.63		25.0
100	QPSK	135	69		25.48		26.0
100	QPSK	135	138		24.75		25.0
100	QPSK	270	0		24.89		
100	16QAM	1	1		24.61		25.0
100	64QAM	1	1		23.30		23.5
100	256QAM	1	1		21.44		21.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	25.50	25.55	25.53	26.0
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	25.45	25.48	25.45	26.0
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	25.44	25.46	25.43	26.0
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	25.45	25.50	25.45	26.0
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	25.44	25.46	25.44	26.0
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	25.41	25.46	25.43	26.0
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	25.42	25.49	25.45	26.0
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	25.42	25.48	25.45	26.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	25.41	25.49	25.45	26.0
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	25.45	25.49	25.47	26.0
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	25.43	25.49	25.48	26.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.78		23.0
100	PI/2 BPSK	1	137		21.60		
100	PI/2 BPSK	1	271		21.56		
100	PI/2 BPSK	135	0		21.60		23.0
100	PI/2 BPSK	135	69		21.57		23.0
100	PI/2 BPSK	135	138		21.54		23.0
100	PI/2 BPSK	270	0		21.62		
100	QPSK	1	1		21.77		23.0
100	QPSK	1	137		21.58		
100	QPSK	1	271		21.61		
100	QPSK	135	0		21.65		23.0
100	QPSK	135	69		21.47		23.0
100	QPSK	135	138		21.53		23.0
100	QPSK	270	0		21.60		
100	16QAM	1	1		21.62		23.0
100	64QAM	1	1		21.66		23.0
100	256QAM	1	1		21.50		21.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.70	21.71	21.68	23.0
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.58	21.55	21.51	23.0
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.56	21.60	21.54	23.0
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.60	21.55	21.54	23.0
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.54	21.54	21.57	23.0
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.54	21.54	21.48	23.0
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	21.55	21.52	21.51	23.0
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	21.59	21.58	21.50	23.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.52	21.58	21.51	23.0
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.57	21.54	21.56	23.0
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.58	21.51	21.58	23.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.39		25.1
100	PI/2 BPSK	1	137		23.19		
100	PI/2 BPSK	1	271		23.32		
100	PI/2 BPSK	135	0		22.67		24.6
100	PI/2 BPSK	135	69		23.18		25.1
100	PI/2 BPSK	135	138		22.75		24.6
100	PI/2 BPSK	270	0		22.80		
100	QPSK	1	1		23.30		25.1
100	QPSK	1	137		23.31		
100	QPSK	1	271		23.37		
100	QPSK	135	0		22.17		24.1
100	QPSK	135	69		23.21		25.1
100	QPSK	135	138		22.22		24.1
100	QPSK	270	0		22.21		
100	16QAM	1	1		22.23		24.1
100	64QAM	1	1		20.81		22.6
100	256QAM	1	1		18.78		20.6
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.16	23.18	23.16	25.1
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.23	23.17	23.17	25.1
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.24	23.17	23.19	25.1
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.24	23.19	23.12	25.1
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.17	23.26	23.19	25.1
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.17	23.23	23.15	25.1
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.19	23.25	23.12	25.1
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.17	23.21	23.16	25.1
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.24	23.23	23.12	25.1
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.25	23.20	23.10	25.1
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.26	23.17	23.16	25.1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.24		25.1
100	PI/2 BPSK	1	137		23.20		
100	PI/2 BPSK	1	271		23.23		
100	PI/2 BPSK	135	0		22.71		24.6
100	PI/2 BPSK	135	69		23.23		25.1
100	PI/2 BPSK	135	138		22.71		24.6
100	PI/2 BPSK	270	0		22.75		
100	QPSK	1	1		23.20		25.1
100	QPSK	1	137		23.15		
100	QPSK	1	271		23.20		
100	QPSK	135	0		22.25		24.1
100	QPSK	135	69		23.14		25.1
100	QPSK	135	138		22.20		24.1
100	QPSK	270	0		22.20		
100	16QAM	1	1		22.10		24.1
100	64QAM	1	1		20.77		22.6
100	256QAM	1	1		18.62		20.6
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.15	23.22	23.10	25.1
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.22	23.18	23.16	25.1
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.13	23.19	23.17	25.1
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.11	23.19	23.18	25.1
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.11	23.19	23.17	25.1
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.13	23.19	23.18	25.1
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.11	23.19	23.18	25.1
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.12	23.18	23.16	25.1
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.13	23.20	23.18	25.1
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.13	23.18	23.18	25.1
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.11	23.20	23.18	25.1

<FR1 n78_Ant Aux_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.71		25.1
100	PI/2 BPSK	1	137		23.43		
100	PI/2 BPSK	1	271		23.52		
100	PI/2 BPSK	135	0		22.98		24.6
100	PI/2 BPSK	135	69		23.51		25.1
100	PI/2 BPSK	135	138		22.99		24.6
100	PI/2 BPSK	270	0		23.05		
100	QPSK	1	1		23.68		25.1
100	QPSK	1	137		23.44		
100	QPSK	1	271		23.45		
100	QPSK	135	0		22.48		24.1
100	QPSK	135	69		23.45		25.1
100	QPSK	135	138		22.48		24.1
100	QPSK	270	0		22.43		
100	16QAM	1	1		22.62		24.1
100	64QAM	1	1		21.15		22.6
100	256QAM	1	1		19.09		20.6
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.61	23.64	23.58	25.1
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.54	23.54	23.53	25.1
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.55	23.58	23.49	25.1
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.55	23.59	23.49	25.1
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.53	23.59	23.52	25.1
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.56	23.55	23.48	25.1
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.52	23.56	23.50	25.1
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.56	23.56	23.49	25.1
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.52	23.57	23.49	25.1
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.51	23.55	23.50	25.1
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.54	23.58	23.50	25.1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		19.40		20.0
100	PI/2 BPSK	1	137		19.23		
100	PI/2 BPSK	1	271		19.32		
100	PI/2 BPSK	135	0		19.22		20.0
100	PI/2 BPSK	135	69		19.24		20.0
100	PI/2 BPSK	135	138		19.21		20.0
100	PI/2 BPSK	270	0		19.20		
100	QPSK	1	1		19.31		20.0
100	QPSK	1	137		19.10		
100	QPSK	1	271		19.36		
100	QPSK	135	0		19.20		20.0
100	QPSK	135	69		19.13		20.0
100	QPSK	135	138		19.23		20.0
100	QPSK	270	0		19.24		
100	16QAM	1	1		19.27		20.0
100	64QAM	1	1		19.22		20.0
100	256QAM	1	1		18.94		20.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	19.32	19.28	19.34	20.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	19.15	19.18	19.18	20.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	19.18	19.14	19.18	20.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	19.19	19.10	19.18	20.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.15	19.16	19.16	20.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.12	19.10	19.17	20.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.19	19.15	19.17	20.0
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	19.14	19.16	19.15	20.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.22	19.10	19.17	20.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.15	19.10	19.17	20.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	19.21	19.18	19.22	20.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.99		26.0
100	PI/2 BPSK	1	137		25.83		
100	PI/2 BPSK	1	271		25.89		
100	PI/2 BPSK	135	0		25.35		25.5
100	PI/2 BPSK	135	69		25.86		26.0
100	PI/2 BPSK	135	138		25.34		25.5
100	PI/2 BPSK	270	0		25.32		
100	QPSK	1	1		25.98		26.0
100	QPSK	1	137		25.73		
100	QPSK	1	271		25.91		
100	QPSK	135	0		24.86		25.0
100	QPSK	135	69		25.75		26.0
100	QPSK	135	138		24.78		25.0
100	QPSK	270	0		24.86		
100	16QAM	1	1		24.85		25.0
100	64QAM	1	1		23.42		23.5
100	256QAM	1	1		21.41		21.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.78	25.81	25.63	26.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.74	25.83	25.62	26.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.80	25.84	25.62	26.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.82	25.78	25.63	26.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.78	25.79	25.63	26.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.77	25.82	25.62	26.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.84	25.75	25.59	26.0
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.76	25.81	25.62	26.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.82	25.76	25.60	26.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.83	25.80	25.66	26.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.81	25.82	25.68	26.0

<FR1 n78_HPUE_Ant MIMO2_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.99		26.0
100	PI/2 BPSK	1	137		25.46		
100	PI/2 BPSK	1	271		25.33		
100	PI/2 BPSK	135	0		25.32		25.5
100	PI/2 BPSK	135	69		25.41		26.0
100	PI/2 BPSK	135	138		25.13		25.5
100	PI/2 BPSK	270	0		25.30		
100	QPSK	1	1		25.95		26.0
100	QPSK	1	137		25.75		
100	QPSK	1	271		25.83		
100	QPSK	135	0		24.86		25.0
100	QPSK	135	69		25.72		26.0
100	QPSK	135	138		24.73		25.0
100	QPSK	270	0		24.80		
100	16QAM	1	1		24.96		25.0
100	64QAM	1	1		23.48		23.5
100	256QAM	1	1		21.45		21.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.66	25.65	25.72	26.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.55	25.51	25.57	26.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.52	25.53	25.58	26.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.56	25.51	25.61	26.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.53	25.48	25.62	26.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.55	25.55	25.54	26.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.47	25.49	25.60	26.0
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.53	25.54	25.52	26.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.54	25.49	25.55	26.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.49	25.45	25.52	26.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.54	25.48	25.57	26.0

<FR1 n78_HPUE_Ant Aux_Index Sensor Off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.74		26.0
100	PI/2 BPSK	1	137		25.23		
100	PI/2 BPSK	1	271		24.97		
100	PI/2 BPSK	135	0		24.42		25.5
100	PI/2 BPSK	135	69		24.24		26.0
100	PI/2 BPSK	135	138		23.93		25.5
100	PI/2 BPSK	270	0		25.46		
100	QPSK	1	1		25.31		26.0
100	QPSK	1	137		25.04		
100	QPSK	1	271		24.81		
100	QPSK	135	0		24.09		25.0
100	QPSK	135	69		24.83		26.0
100	QPSK	135	138		23.85		25.0
100	QPSK	270	0		24.97		
100	16QAM	1	1		24.48		25.0
100	64QAM	1	1		23.09		23.5
100	256QAM	1	1		21.36		21.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.50	25.55	25.46	26.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.41	25.46	25.36	26.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.44	25.50	25.38	26.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.43	25.47	25.36	26.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.44	25.45	25.41	26.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.40	25.48	25.37	26.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.44	25.46	25.41	26.0
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.43	25.49	25.38	26.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.40	25.46	25.38	26.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.41	25.45	25.36	26.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.41	25.47	25.39	26.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.34		23.0
100	PI/2 BPSK	1	137		21.18		
100	PI/2 BPSK	1	271		21.30		
100	PI/2 BPSK	135	0		21.25		23.0
100	PI/2 BPSK	135	69		21.24		23.0
100	PI/2 BPSK	135	138		21.24		23.0
100	PI/2 BPSK	270	0		21.20		
100	QPSK	1	1		21.32		23.0
100	QPSK	1	137		21.10		
100	QPSK	1	271		21.33		
100	QPSK	135	0		21.26		23.0
100	QPSK	135	69		21.21		23.0
100	QPSK	135	138		21.21		23.0
100	QPSK	270	0		21.19		
100	16QAM	1	1		21.23		23.0
100	64QAM	1	1		21.31		23.0
100	256QAM	1	1		21.32		21.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.27	21.29	21.24	23.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.08	21.09	21.07	23.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.16	21.13	21.10	23.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.14	21.19	21.07	23.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.09	21.17	21.08	23.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.17	21.14	21.08	23.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.16	21.18	21.11	23.0
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.16	21.11	21.14	23.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.09	21.18	21.14	23.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.11	21.11	21.04	23.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.13	21.11	21.10	23.0

Sensor On

<WCDMA>

Band		WCDMA II_Ant Main_Index 1			Tune-up Limit (dBm)	WCDMA IV_Ant Main_Index 1			Tune-up Limit (dBm)	WCDMA V_Ant Main_Index 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	24.38	24.42	24.37	24.50	24.42	24.46	24.43	24.50	24.24	24.32	24.30	24.50
3GPP Rel 6	HSDPA Subtest-1	23.13	23.17	23.16	24.50	23.15	23.10	23.13	24.50	22.90	23.00	23.04	24.50
3GPP Rel 6	HSDPA Subtest-2	22.63	22.68	22.69	24.50	22.64	22.58	22.65	24.50	22.40	22.46	22.48	24.50
3GPP Rel 6	HSDPA Subtest-3	23.15	23.18	23.22	24.00	23.13	23.10	23.13	24.00	22.90	22.99	23.00	24.00
3GPP Rel 6	HSDPA Subtest-4	23.16	23.20	23.20	24.00	23.14	23.09	23.13	24.00	22.92	23.01	23.01	24.00
3GPP Rel 6	HSUPA Subtest-1	23.15	23.20	23.20	23.50	23.17	23.17	23.15	23.50	22.98	23.04	23.04	23.50
3GPP Rel 6	HSUPA Subtest-2	21.18	21.15	21.22	21.50	20.35	20.08	20.08	21.50	20.06	20.13	20.12	21.50
3GPP Rel 6	HSUPA Subtest-3	22.15	22.18	22.20	22.50	21.14	21.10	21.10	22.50	21.03	21.09	21.16	22.50
3GPP Rel 6	HSUPA Subtest-4	21.22	21.18	21.18	21.50	20.11	20.11	20.11	21.50	20.07	20.14	20.17	21.50
3GPP Rel 6	HSUPA Subtest-5	23.20	23.20	23.20	23.50	22.10	22.10	22.10	23.50	22.10	22.10	22.10	23.50

<LTE Band 2_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.37	23.43	23.42	24.5
20	QPSK	1	49	23.35	23.37	23.39	
20	QPSK	1	99	23.35	23.24	23.34	
20	QPSK	50	0	22.46	22.47	22.39	23.5
20	QPSK	50	24	22.42	22.43	22.38	
20	QPSK	50	50	22.39	22.36	22.35	
20	QPSK	100	0	22.39	22.41	22.34	
20	16QAM	1	0	22.69	22.62	22.72	23.5
20	16QAM	1	49	22.72	22.75	22.64	
20	16QAM	1	99	22.61	22.53	22.71	
20	16QAM	50	0	21.38	21.39	21.39	22.5
20	16QAM	50	24	21.47	21.45	21.40	
20	16QAM	50	50	21.40	21.38	21.42	
20	16QAM	100	0	21.44	21.40	21.39	
20	64QAM	1	0	21.60	21.59	21.66	22.5
20	64QAM	1	49	21.62	21.61	21.69	
20	64QAM	1	99	21.58	21.52	21.57	
20	64QAM	50	0	20.36	20.38	20.40	21.5
20	64QAM	50	24	20.48	20.46	20.41	
20	64QAM	50	50	20.40	20.36	20.44	
20	64QAM	100	0	20.42	20.42	20.37	
20	256QAM	1	0	18.35	18.33	18.34	19.5
20	256QAM	1	49	18.31	18.48	18.45	
20	256QAM	1	99	18.29	18.45	18.25	
20	256QAM	50	0	18.21	18.32	18.28	19.5
20	256QAM	50	24	18.34	18.32	18.26	
20	256QAM	50	50	18.33	18.36	18.32	
20	256QAM	100	0	18.29	18.28	18.26	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.26	23.26	23.30	24.5
15	QPSK	1	37	23.23	23.26	23.19	
15	QPSK	1	74	23.22	23.08	23.14	
15	QPSK	36	0	22.27	22.37	22.19	23.5
15	QPSK	36	20	22.29	22.29	22.22	
15	QPSK	36	39	22.21	22.25	22.19	
15	QPSK	75	0	22.20	22.25	22.19	
15	16QAM	1	0	22.57	22.48	22.56	23.5
15	16QAM	1	37	22.54	22.62	22.44	
15	16QAM	1	74	22.42	22.36	22.54	
15	16QAM	36	0	21.20	21.29	21.25	22.5
15	16QAM	36	20	21.36	21.34	21.30	
15	16QAM	36	39	21.25	21.20	21.23	
15	16QAM	75	0	21.27	21.26	21.29	
15	64QAM	1	0	21.40	21.39	21.52	22.5
15	64QAM	1	37	21.51	21.42	21.50	
15	64QAM	1	74	21.43	21.39	21.40	
15	64QAM	36	0	20.18	20.28	20.27	21.5
15	64QAM	36	20	20.29	20.31	20.27	
15	64QAM	36	39	20.22	20.20	20.28	
15	64QAM	75	0	20.27	20.23	20.26	
15	256QAM	1	0	18.20	18.21	18.14	19.5
15	256QAM	1	37	18.13	18.29	18.26	
15	256QAM	1	74	18.18	18.28	18.11	
15	256QAM	36	0	18.01	18.14	18.11	19.5
15	256QAM	36	20	18.22	18.19	18.16	

15	256QAM	36	39	18.19	18.23	18.17	
15	256QAM	75	0	18.15	18.08	18.06	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.18	23.24	23.28	24.5
10	QPSK	1	25	23.15	23.18	23.20	
10	QPSK	1	49	23.21	23.06	23.18	
10	QPSK	25	0	22.36	22.34	22.25	23.5
10	QPSK	25	12	22.23	22.26	22.21	
10	QPSK	25	25	22.19	22.23	22.19	
10	QPSK	50	0	22.19	22.28	22.24	
10	16QAM	1	0	22.54	22.48	22.55	23.5
10	16QAM	1	25	22.55	22.64	22.46	
10	16QAM	1	49	22.43	22.40	22.51	
10	16QAM	25	0	21.28	21.25	21.20	22.5
10	16QAM	25	12	21.36	21.26	21.29	
10	16QAM	25	25	21.25	21.26	21.24	
10	16QAM	50	0	21.33	21.26	21.20	
10	64QAM	1	0	21.43	21.44	21.49	22.5
10	64QAM	1	25	21.43	21.45	21.52	
10	64QAM	1	49	21.45	21.34	21.44	
10	64QAM	25	0	20.18	20.19	20.23	21.5
10	64QAM	25	12	20.32	20.27	20.31	
10	64QAM	25	25	20.27	20.21	20.29	
10	64QAM	50	0	20.27	20.22	20.18	
10	256QAM	1	0	18.21	18.16	18.16	19.5
10	256QAM	1	25	18.15	18.37	18.32	
10	256QAM	1	49	18.10	18.32	18.15	
10	256QAM	25	0	18.03	18.20	18.16	19.5
10	256QAM	25	12	18.14	18.15	18.10	
10	256QAM	25	25	18.23	18.26	18.14	
10	256QAM	50	0	18.12	18.16	18.07	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	23.22	23.32	23.24	24.5
5	QPSK	1	12	23.23	23.20	23.27	
5	QPSK	1	24	23.25	23.10	23.21	
5	QPSK	12	0	22.34	22.37	22.27	23.5
5	QPSK	12	7	22.32	22.30	22.21	
5	QPSK	12	13	22.28	22.17	22.23	
5	QPSK	25	0	22.21	22.26	22.19	
5	16QAM	1	0	22.50	22.50	22.62	23.5
5	16QAM	1	12	22.61	22.57	22.53	
5	16QAM	1	24	22.49	22.35	22.55	
5	16QAM	12	0	21.26	21.21	21.24	22.5
5	16QAM	12	7	21.27	21.25	21.22	
5	16QAM	12	13	21.20	21.18	21.23	
5	16QAM	25	0	21.24	21.22	21.25	
5	64QAM	1	0	21.48	21.43	21.46	22.5
5	64QAM	1	12	21.49	21.42	21.53	
5	64QAM	1	24	21.40	21.37	21.44	
5	64QAM	12	0	20.18	20.27	20.20	21.5
5	64QAM	12	7	20.37	20.34	20.24	
5	64QAM	12	13	20.30	20.16	20.24	
5	64QAM	25	0	20.25	20.28	20.26	
5	256QAM	1	0	18.23	18.14	18.19	19.5
5	256QAM	1	12	18.20	18.38	18.33	
5	256QAM	1	24	18.17	18.35	18.11	
5	256QAM	12	0	18.05	18.17	18.16	19.5
5	256QAM	12	7	18.22	18.20	18.08	
5	256QAM	12	13	18.18	18.20	18.19	
5	256QAM	25	0	18.13	18.09	18.08	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	23.25	23.28	23.32	24.5
3	QPSK	1	8	23.21	23.17	23.24	
3	QPSK	1	14	23.24	23.09	23.23	
3	QPSK	8	0	22.35	22.32	22.29	23.5
3	QPSK	8	4	22.22	22.29	22.27	
3	QPSK	8	7	22.22	22.23	22.22	
3	QPSK	15	0	22.20	22.26	22.17	
3	16QAM	1	0	22.50	22.46	22.52	23.5
3	16QAM	1	8	22.58	22.63	22.48	
3	16QAM	1	14	22.41	22.42	22.60	
3	16QAM	8	0	21.27	21.25	21.26	22.5
3	16QAM	8	4	21.35	21.35	21.21	
3	16QAM	8	7	21.21	21.25	21.24	
3	16QAM	15	0	21.33	21.25	21.29	
3	64QAM	1	0	21.48	21.49	21.52	22.5
3	64QAM	1	8	21.52	21.47	21.49	
3	64QAM	1	14	21.41	21.36	21.41	
3	64QAM	8	0	20.16	20.22	20.20	21.5
3	64QAM	8	4	20.35	20.28	20.23	
3	64QAM	8	7	20.29	20.22	20.31	
3	64QAM	15	0	20.31	20.30	20.25	
3	256QAM	1	0	18.20	18.15	18.22	19.5
3	256QAM	1	8	18.17	18.31	18.34	
3	256QAM	1	14	18.11	18.25	18.15	
3	256QAM	8	0	18.03	18.16	18.09	19.5
3	256QAM	8	4	18.22	18.18	18.16	
3	256QAM	8	7	18.20	18.18	18.18	
3	256QAM	15	0	18.16	18.18	18.14	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.31	23.32	23.30	24.5
1.4	QPSK	1	3	23.28	23.31	23.34	
1.4	QPSK	1	5	23.29	23.31	23.33	
1.4	QPSK	3	0	23.30	23.32	23.31	
1.4	QPSK	3	1	23.30	23.34	23.32	
1.4	QPSK	3	3	23.27	23.31	23.35	
1.4	QPSK	6	0	22.33	22.36	22.32	23.5
1.4	16QAM	1	0	22.57	22.69	22.64	23.5
1.4	16QAM	1	3	22.66	22.69	22.65	
1.4	16QAM	1	5	22.59	22.64	22.62	
1.4	16QAM	3	0	22.45	22.46	22.51	
1.4	16QAM	3	1	22.44	22.46	22.47	
1.4	16QAM	3	3	22.44	22.47	22.49	
1.4	16QAM	6	0	21.39	21.43	21.37	22.5
1.4	64QAM	1	0	21.61	21.57	21.61	22.5
1.4	64QAM	1	3	21.51	21.58	21.64	
1.4	64QAM	1	5	21.50	21.61	21.63	
1.4	64QAM	3	0	21.44	21.52	21.51	
1.4	64QAM	3	1	21.46	21.55	21.47	
1.4	64QAM	3	3	21.47	21.49	21.48	
1.4	64QAM	6	0	20.36	20.44	20.37	21.5
1.4	256QAM	1	0	18.21	18.23	18.23	19.5
1.4	256QAM	1	3	18.21	18.38	18.35	
1.4	256QAM	1	5	18.17	18.31	18.07	
1.4	256QAM	3	0	18.05	18.21	18.08	
1.4	256QAM	3	1	18.20	18.17	18.07	
1.4	256QAM	3	3	18.20	18.20	18.21	
1.4	256QAM	6	0	18.14	18.16	18.06	19.5

<LTE Band 2_Ant MIMO2_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.20	23.31	23.26	24.5
20	QPSK	1	49	22.72	22.83	22.78	
20	QPSK	1	99	23.18	23.29	23.24	
20	QPSK	50	0	22.14	22.24	22.19	23.5
20	QPSK	50	24	22.28	22.39	22.34	
20	QPSK	50	50	22.20	22.31	22.26	
20	QPSK	100	0	22.19	22.30	22.25	
20	16QAM	1	0	22.17	22.28	22.23	23.5
20	16QAM	1	49	21.72	21.82	21.77	
20	16QAM	1	99	22.15	22.26	22.21	
20	16QAM	50	0	21.16	21.26	21.21	22.5
20	16QAM	50	24	21.30	21.40	21.35	
20	16QAM	50	50	21.22	21.32	21.27	
20	16QAM	100	0	21.21	21.31	21.26	
20	64QAM	1	0	21.24	21.34	21.29	22.5
20	64QAM	1	49	20.80	20.90	20.86	
20	64QAM	1	99	21.22	21.32	21.27	
20	64QAM	50	0	20.26	20.36	20.32	21.5
20	64QAM	50	24	20.40	20.50	20.46	
20	64QAM	50	50	20.32	20.42	20.38	
20	64QAM	100	0	20.32	20.42	20.38	
20	256QAM	1	0	18.42	18.51	18.47	19.5
20	256QAM	1	49	18.04	18.13	18.09	
20	256QAM	1	99	18.40	18.49	18.45	
20	256QAM	50	0	17.58	17.66	17.62	19.5
20	256QAM	50	24	17.70	17.78	17.74	
20	256QAM	50	50	17.64	17.72	17.68	
20	256QAM	100	0	17.63	17.71	17.67	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.08	23.21	23.14	24.5
15	QPSK	1	37	22.60	22.72	22.62	
15	QPSK	1	74	23.05	23.12	23.11	
15	QPSK	36	0	22.00	22.12	22.08	23.5
15	QPSK	36	20	22.12	22.27	22.15	
15	QPSK	36	39	22.01	22.17	22.13	
15	QPSK	75	0	22.09	22.17	22.15	
15	16QAM	1	0	22.01	22.12	22.05	23.5
15	16QAM	1	37	21.52	21.67	21.62	
15	16QAM	1	74	22.00	22.09	22.04	
15	16QAM	36	0	21.00	21.16	21.09	22.5
15	16QAM	36	20	21.10	21.21	21.25	
15	16QAM	36	39	21.03	21.21	21.07	
15	16QAM	75	0	21.05	21.12	21.13	
15	64QAM	1	0	21.11	21.19	21.18	22.5
15	64QAM	1	37	20.63	20.71	20.71	
15	64QAM	1	74	21.09	21.22	21.15	
15	64QAM	36	0	20.10	20.24	20.16	21.5
15	64QAM	36	20	20.30	20.35	20.30	
15	64QAM	36	39	20.12	20.32	20.23	
15	64QAM	75	0	20.13	20.30	20.24	
15	256QAM	1	0	18.31	18.31	18.28	19.5
15	256QAM	1	37	17.90	17.96	17.90	
15	256QAM	1	74	18.25	18.34	18.30	
15	256QAM	36	0	17.54	17.54	17.53	19.5
15	256QAM	36	20	17.58	17.60	17.56	

15	256QAM	36	39	17.50	17.60	17.50	
15	256QAM	75	0	17.52	17.56	17.51	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.02	23.20	23.13	24.5
10	QPSK	1	25	22.52	22.71	22.64	
10	QPSK	1	49	23.06	23.14	23.13	
10	QPSK	25	0	21.94	22.11	22.08	23.5
10	QPSK	25	12	22.11	22.27	22.21	
10	QPSK	25	25	22.02	22.19	22.16	
10	QPSK	50	0	21.99	22.19	22.13	
10	16QAM	1	0	22.06	22.18	22.04	23.5
10	16QAM	1	25	21.61	21.71	21.66	
10	16QAM	1	49	22.01	22.16	22.08	
10	16QAM	25	0	21.02	21.11	21.11	22.5
10	16QAM	25	12	21.19	21.23	21.23	
10	16QAM	25	25	21.08	21.20	21.08	
10	16QAM	50	0	21.07	21.13	21.16	
10	64QAM	1	0	21.07	21.16	21.16	22.5
10	64QAM	1	25	20.69	20.76	20.75	
10	64QAM	1	49	21.08	21.20	21.11	
10	64QAM	25	0	20.15	20.20	20.17	21.5
10	64QAM	25	12	20.25	20.32	20.32	
10	64QAM	25	25	20.14	20.27	20.27	
10	64QAM	50	0	20.18	20.26	20.21	
10	256QAM	1	0	18.25	18.31	18.33	19.5
10	256QAM	1	25	17.87	18.00	17.92	
10	256QAM	1	49	18.28	18.38	18.34	
10	256QAM	25	0	17.50	17.55	17.54	19.5
10	256QAM	25	12	17.58	17.59	17.57	
10	256QAM	25	25	17.51	17.57	17.53	
10	256QAM	50	0	17.53	17.52	17.50	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	23.06	23.19	23.12	24.5
5	QPSK	1	12	22.54	22.64	22.67	
5	QPSK	1	24	23.01	23.11	23.06	
5	QPSK	12	0	21.95	22.11	22.03	23.5
5	QPSK	12	7	22.12	22.24	22.22	
5	QPSK	12	13	22.10	22.18	22.12	
5	QPSK	25	0	21.99	22.16	22.09	
5	16QAM	1	0	22.02	22.14	22.05	23.5
5	16QAM	1	12	21.59	21.67	21.65	
5	16QAM	1	24	22.01	22.08	22.04	
5	16QAM	12	0	21.05	21.06	21.08	22.5
5	16QAM	12	7	21.10	21.20	21.21	
5	16QAM	12	13	21.09	21.14	21.10	
5	16QAM	25	0	21.03	21.12	21.07	
5	64QAM	1	0	21.06	21.18	21.10	22.5
5	64QAM	1	12	20.64	20.75	20.69	
5	64QAM	1	24	21.09	21.17	21.08	
5	64QAM	12	0	20.14	20.24	20.21	21.5
5	64QAM	12	7	20.26	20.40	20.28	
5	64QAM	12	13	20.16	20.24	20.25	
5	64QAM	25	0	20.13	20.32	20.25	
5	256QAM	1	0	18.31	18.36	18.35	19.5
5	256QAM	1	12	17.86	17.93	17.97	
5	256QAM	1	24	18.27	18.36	18.25	
5	256QAM	12	0	17.53	17.54	17.54	19.5
5	256QAM	12	7	17.59	17.62	17.62	
5	256QAM	12	13	17.56	17.56	17.50	
5	256QAM	25	0	17.52	17.51	17.50	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	23.01	23.11	23.14	24.5
3	QPSK	1	8	22.56	22.68	22.60	
3	QPSK	1	14	23.04	23.12	23.11	
3	QPSK	8	0	21.98	22.10	22.06	23.5
3	QPSK	8	4	22.16	22.22	22.20	
3	QPSK	8	7	22.01	22.11	22.09	
3	QPSK	15	0	22.02	22.10	22.12	
3	16QAM	1	0	21.99	22.18	22.12	23.5
3	16QAM	1	8	21.59	21.63	21.64	
3	16QAM	1	14	22.05	22.11	22.08	
3	16QAM	8	0	20.99	21.11	21.10	22.5
3	16QAM	8	4	21.11	21.20	21.15	
3	16QAM	8	7	21.11	21.20	21.10	
3	16QAM	15	0	21.02	21.13	21.06	
3	64QAM	1	0	21.12	21.19	21.13	22.5
3	64QAM	1	8	20.63	20.78	20.76	
3	64QAM	1	14	21.05	21.19	21.09	
3	64QAM	8	0	20.14	20.19	20.17	21.5
3	64QAM	8	4	20.23	20.37	20.32	
3	64QAM	8	7	20.17	20.23	20.28	
3	64QAM	15	0	20.22	20.31	20.27	
3	256QAM	1	0	18.29	18.35	18.29	19.5
3	256QAM	1	8	17.93	18.03	17.90	
3	256QAM	1	14	18.30	18.38	18.26	
3	256QAM	8	0	17.50	17.57	17.54	19.5
3	256QAM	8	4	17.50	17.65	17.54	
3	256QAM	8	7	17.54	17.59	17.55	
3	256QAM	15	0	17.59	17.60	17.54	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.04	23.14	23.07	24.5
1.4	QPSK	1	3	22.55	22.68	22.59	
1.4	QPSK	1	5	23.00	23.10	23.14	
1.4	QPSK	3	0	22.84	23.01	22.93	
1.4	QPSK	3	1	22.55	22.51	22.53	
1.4	QPSK	3	3	22.85	23.00	22.94	
1.4	QPSK	6	0	22.05	22.14	22.13	23.5
1.4	16QAM	1	0	22.05	22.13	22.13	23.5
1.4	16QAM	1	3	21.55	21.63	21.59	
1.4	16QAM	1	5	22.00	22.06	22.09	
1.4	16QAM	3	0	21.95	22.02	22.02	
1.4	16QAM	3	1	21.59	21.51	21.56	
1.4	16QAM	3	3	21.90	21.91	21.93	
1.4	16QAM	6	0	21.09	21.20	21.08	22.5
1.4	64QAM	1	0	20.97	21.02	20.94	22.5
1.4	64QAM	1	3	20.56	20.65	20.63	
1.4	64QAM	1	5	20.91	21.06	20.90	
1.4	64QAM	3	0	20.98	21.04	21.02	
1.4	64QAM	3	1	20.53	20.68	20.61	
1.4	64QAM	3	3	20.95	21.07	20.90	
1.4	64QAM	6	0	20.14	20.23	20.27	21.5
1.4	256QAM	1	0	18.32	18.31	18.29	19.5
1.4	256QAM	1	3	17.90	18.00	17.98	
1.4	256QAM	1	5	18.29	18.29	18.30	
1.4	256QAM	3	0	18.30	18.20	18.33	
1.4	256QAM	3	1	17.50	17.63	17.54	
1.4	256QAM	3	3	17.50	17.55	17.53	
1.4	256QAM	6	0	17.52	17.55	17.51	19.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.32	23.40	23.39	24.5
20	QPSK	1	49	23.34	23.33	23.36	
20	QPSK	1	99	23.18	23.17	23.22	
20	QPSK	50	0	22.37	22.37	22.37	23.5
20	QPSK	50	24	22.43	22.42	22.33	
20	QPSK	50	50	22.37	22.34	22.34	
20	QPSK	100	0	22.39	22.38	22.37	
20	16QAM	1	0	22.67	22.64	22.73	23.5
20	16QAM	1	49	22.71	22.63	22.61	
20	16QAM	1	99	22.58	22.42	22.54	
20	16QAM	50	0	21.40	21.40	21.41	22.5
20	16QAM	50	24	21.44	21.46	21.38	
20	16QAM	50	50	21.40	21.37	21.37	
20	16QAM	100	0	21.40	21.40	21.40	
20	64QAM	1	0	21.54	21.60	21.52	22.5
20	64QAM	1	49	21.58	21.62	21.55	
20	64QAM	1	99	21.45	21.40	21.40	
20	64QAM	50	0	20.39	20.38	20.40	21.5
20	64QAM	50	24	20.45	20.46	20.35	
20	64QAM	50	50	20.40	20.36	20.37	
20	64QAM	100	0	20.42	20.42	20.42	
20	256QAM	1	0	18.55	18.52	18.46	19.5
20	256QAM	1	49	18.48	18.48	18.43	
20	256QAM	1	99	18.35	18.37	18.41	
20	256QAM	50	0	18.27	18.28	18.25	19.5
20	256QAM	50	24	18.36	18.36	18.28	
20	256QAM	50	50	18.38	18.36	18.36	
20	256QAM	100	0	18.29	18.31	18.33	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.22	23.24	23.28	24.5
15	QPSK	1	37	23.16	23.20	23.22	
15	QPSK	1	74	23.02	23.05	23.04	
15	QPSK	36	0	22.23	22.21	22.22	23.5
15	QPSK	36	20	22.28	22.30	22.16	
15	QPSK	36	39	22.23	22.24	22.14	
15	QPSK	75	0	22.22	22.21	22.18	
15	16QAM	1	0	22.47	22.45	22.55	23.5
15	16QAM	1	37	22.59	22.45	22.51	
15	16QAM	1	74	22.47	22.26	22.38	
15	16QAM	36	0	21.22	21.25	21.31	22.5
15	16QAM	36	20	21.24	21.35	21.28	
15	16QAM	36	39	21.22	21.17	21.26	
15	16QAM	75	0	21.27	21.26	21.26	
15	64QAM	1	0	21.44	21.44	21.41	22.5
15	64QAM	1	37	21.41	21.52	21.45	
15	64QAM	1	74	21.27	21.20	21.24	
15	64QAM	36	0	20.27	20.18	20.20	21.5
15	64QAM	36	20	20.35	20.35	20.23	
15	64QAM	36	39	20.30	20.16	20.18	
15	64QAM	75	0	20.26	20.32	20.29	
15	256QAM	1	0	18.42	18.37	18.36	19.5
15	256QAM	1	37	18.32	18.35	18.31	
15	256QAM	1	74	18.16	18.18	18.31	
15	256QAM	36	0	18.09	18.12	18.12	19.5

15	256QAM	36	20	18.23	18.18	18.17	
15	256QAM	36	39	18.22	18.22	18.25	
15	256QAM	75	0	18.14	18.12	18.20	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	23.18	23.21	23.27	24.5
10	QPSK	1	25	23.16	23.20	23.19	
10	QPSK	1	49	23.08	22.99	23.03	
10	QPSK	25	0	22.26	22.25	22.22	23.5
10	QPSK	25	12	22.28	22.32	22.18	
10	QPSK	25	25	22.18	22.23	22.20	
10	QPSK	50	0	22.27	22.18	22.24	
10	16QAM	1	0	22.53	22.54	22.61	23.5
10	16QAM	1	25	22.61	22.46	22.49	
10	16QAM	1	49	22.42	22.31	22.42	
10	16QAM	25	0	21.27	21.29	21.22	22.5
10	16QAM	25	12	21.26	21.26	21.24	
10	16QAM	25	25	21.28	21.26	21.27	
10	16QAM	50	0	21.28	21.24	21.21	
10	64QAM	1	0	21.39	21.40	21.33	22.5
10	64QAM	1	25	21.43	21.44	21.39	
10	64QAM	1	49	21.34	21.27	21.20	
10	64QAM	25	0	20.29	20.26	20.30	21.5
10	64QAM	25	12	20.28	20.35	20.18	
10	64QAM	25	25	20.26	20.18	20.27	
10	64QAM	50	0	20.30	20.23	20.26	
10	256QAM	1	0	18.41	18.33	18.35	19.5
10	256QAM	1	25	18.35	18.31	18.26	
10	256QAM	1	49	18.17	18.18	18.21	
10	256QAM	25	0	18.16	18.14	18.15	19.5
10	256QAM	25	12	18.19	18.17	18.18	
10	256QAM	25	25	18.22	18.26	18.20	
10	256QAM	50	0	18.12	18.20	18.15	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	23.15	23.24	23.27	24.5
5	QPSK	1	12	23.22	23.18	23.26	
5	QPSK	1	24	23.08	23.04	23.07	
5	QPSK	12	0	22.26	22.19	22.19	23.5
5	QPSK	12	7	22.23	22.27	22.16	
5	QPSK	12	13	22.20	22.20	22.16	
5	QPSK	25	0	22.19	22.21	22.24	
5	16QAM	1	0	22.57	22.46	22.54	23.5
5	16QAM	1	12	22.53	22.50	22.45	
5	16QAM	1	24	22.40	22.25	22.35	
5	16QAM	12	0	21.26	21.24	21.24	22.5
5	16QAM	12	7	21.26	21.33	21.26	
5	16QAM	12	13	21.24	21.25	21.26	
5	16QAM	25	0	21.20	21.25	21.20	
5	64QAM	1	0	21.40	21.44	21.32	22.5
5	64QAM	1	12	21.44	21.50	21.40	
5	64QAM	1	24	21.25	21.26	21.26	
5	64QAM	12	0	20.20	20.26	20.23	21.5
5	64QAM	12	7	20.29	20.32	20.15	
5	64QAM	12	13	20.21	20.25	20.22	
5	64QAM	25	0	20.26	20.31	20.28	
5	256QAM	1	0	18.36	18.40	18.36	19.5
5	256QAM	1	12	18.30	18.31	18.32	
5	256QAM	1	24	18.16	18.20	18.30	
5	256QAM	12	0	18.17	18.09	18.12	19.5
5	256QAM	12	7	18.24	18.26	18.12	
5	256QAM	12	13	18.27	18.23	18.21	
5	256QAM	25	0	18.18	18.16	18.21	

Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	23.12	23.23	23.29	24.5
3	QPSK	1	8	23.23	23.15	23.22	
3	QPSK	1	14	22.98	23.02	23.04	
3	QPSK	8	0	22.23	22.19	22.23	23.5
3	QPSK	8	4	22.32	22.32	22.23	
3	QPSK	8	7	22.26	22.22	22.22	
3	QPSK	15	0	22.27	22.20	22.26	
3	16QAM	1	0	22.55	22.50	22.53	23.5
3	16QAM	1	8	22.51	22.43	22.47	
3	16QAM	1	14	22.46	22.28	22.39	
3	16QAM	8	0	21.23	21.25	21.28	22.5
3	16QAM	8	4	21.31	21.36	21.28	
3	16QAM	8	7	21.28	21.21	21.27	
3	16QAM	15	0	21.24	21.21	21.25	
3	64QAM	1	0	21.37	21.43	21.38	22.5
3	64QAM	1	8	21.40	21.52	21.40	
3	64QAM	1	14	21.25	21.27	21.29	
3	64QAM	8	0	20.29	20.18	20.26	21.5
3	64QAM	8	4	20.29	20.26	20.24	
3	64QAM	8	7	20.30	20.26	20.17	
3	64QAM	15	0	20.29	20.25	20.31	
3	256QAM	1	0	18.36	18.42	18.36	19.5
3	256QAM	1	8	18.30	18.32	18.32	
3	256QAM	1	14	18.19	18.19	18.23	
3	256QAM	8	0	18.14	18.16	18.11	19.5
3	256QAM	8	4	18.21	18.22	18.18	
3	256QAM	8	7	18.21	18.19	18.19	
3	256QAM	15	0	18.09	18.16	18.18	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.32	23.35	23.33	24.5
1.4	QPSK	1	3	23.30	23.34	23.33	
1.4	QPSK	1	5	23.30	23.31	23.33	
1.4	QPSK	3	0	23.32	23.32	23.35	
1.4	QPSK	3	1	23.32	23.30	23.35	
1.4	QPSK	3	3	23.30	23.30	23.35	
1.4	QPSK	6	0	22.36	22.36	22.37	23.5
1.4	16QAM	1	0	22.59	22.66	22.66	23.5
1.4	16QAM	1	3	22.70	22.67	22.73	
1.4	16QAM	1	5	22.57	22.62	22.67	
1.4	16QAM	3	0	22.49	22.47	22.48	
1.4	16QAM	3	1	22.48	22.51	22.47	
1.4	16QAM	3	3	22.45	22.48	22.51	
1.4	16QAM	6	0	21.45	21.45	21.45	22.5
1.4	64QAM	1	0	21.60	21.57	21.66	22.5
1.4	64QAM	1	3	21.59	21.57	21.68	
1.4	64QAM	1	5	21.58	21.58	21.65	
1.4	64QAM	3	0	21.57	21.49	21.52	
1.4	64QAM	3	1	21.49	21.49	21.51	
1.4	64QAM	3	3	21.47	21.51	21.53	
1.4	64QAM	6	0	20.41	20.42	20.43	21.5
1.4	256QAM	1	0	18.37	18.34	18.28	19.5
1.4	256QAM	1	3	18.37	18.37	18.32	
1.4	256QAM	1	5	18.24	18.18	18.24	
1.4	256QAM	3	0	18.14	18.18	18.11	
1.4	256QAM	3	1	18.17	18.26	18.15	
1.4	256QAM	3	3	18.25	18.25	18.24	
1.4	256QAM	6	0	18.16	18.16	18.17	19.5

<LTE Band 4_Ant MIMO2_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.85	23.99	23.84	24.5
20	QPSK	1	49	23.43	23.57	23.42	
20	QPSK	1	99	23.46	23.60	23.45	
20	QPSK	50	0	22.40	22.53	22.39	23.5
20	QPSK	50	24	22.48	22.61	22.47	
20	QPSK	50	50	22.38	22.51	22.37	
20	QPSK	100	0	22.43	22.56	22.42	
20	16QAM	1	0	22.14	22.27	22.13	23.5
20	16QAM	1	49	21.75	21.88	21.74	
20	16QAM	1	99	21.78	21.91	21.77	
20	16QAM	50	0	20.79	20.91	20.78	22.5
20	16QAM	50	24	20.87	20.99	20.86	
20	16QAM	50	50	20.78	20.90	20.77	
20	16QAM	100	0	20.82	20.94	20.81	
20	64QAM	1	0	20.89	21.01	20.88	22.5
20	64QAM	1	49	20.52	20.64	20.51	
20	64QAM	1	99	20.55	20.67	20.54	
20	64QAM	50	0	19.61	19.73	19.61	21.5
20	64QAM	50	24	19.68	19.80	19.68	
20	64QAM	50	50	19.59	19.71	19.59	
20	64QAM	100	0	19.64	19.76	19.64	
20	256QAM	1	0	18.01	18.12	18.01	19.5
20	256QAM	1	49	17.70	17.80	17.69	
20	256QAM	1	99	17.73	17.83	17.72	
20	256QAM	50	0	17.52	17.62	17.51	19.5
20	256QAM	50	24	17.58	17.68	17.57	
20	256QAM	50	50	17.89	18.00	17.89	
20	256QAM	100	0	17.54	17.64	17.53	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.72	23.82	23.74	24.5
15	QPSK	1	37	23.33	23.47	23.29	
15	QPSK	1	74	23.33	23.40	23.29	
15	QPSK	36	0	22.26	22.42	22.21	23.5
15	QPSK	36	20	22.37	22.47	22.32	
15	QPSK	36	39	22.22	22.37	22.26	
15	QPSK	75	0	22.26	22.39	22.29	
15	16QAM	1	0	21.99	22.15	21.99	23.5
15	16QAM	1	37	21.64	21.72	21.63	
15	16QAM	1	74	21.63	21.74	21.60	
15	16QAM	36	0	20.69	20.78	20.59	22.5
15	16QAM	36	20	20.74	20.83	20.73	
15	16QAM	36	39	20.66	20.80	20.63	
15	16QAM	75	0	20.70	20.82	20.65	
15	64QAM	1	0	20.70	20.89	20.78	22.5
15	64QAM	1	37	20.54	20.69	20.62	
15	64QAM	1	74	20.55	20.54	20.66	
15	64QAM	36	0	19.55	19.53	19.57	21.5
15	64QAM	36	20	19.58	19.65	19.52	
15	64QAM	36	39	19.52	19.56	19.59	
15	64QAM	75	0	19.52	19.57	19.54	
15	256QAM	1	0	17.82	17.95	17.81	19.5
15	256QAM	1	37	17.60	17.67	17.50	
15	256QAM	1	74	17.58	17.73	17.56	
15	256QAM	36	0	17.60	17.68	17.54	19.5
15	256QAM	36	20	17.60	17.58	17.52	

15	256QAM	36	39	17.69	17.89	17.73	
15	256QAM	75	0	17.51	17.64	17.55	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	23.67	23.79	23.73	24.5
10	QPSK	1	25	23.27	23.38	23.27	
10	QPSK	1	49	23.31	23.46	23.25	
10	QPSK	25	0	22.30	22.37	22.27	23.5
10	QPSK	25	12	22.31	22.49	22.36	
10	QPSK	25	25	22.22	22.35	22.20	
10	QPSK	50	0	22.23	22.37	22.23	
10	16QAM	1	0	21.97	22.16	21.98	23.5
10	16QAM	1	25	21.59	21.74	21.59	
10	16QAM	1	49	21.66	21.78	21.64	
10	16QAM	25	0	20.65	20.75	20.62	22.5
10	16QAM	25	12	20.77	20.79	20.76	
10	16QAM	25	25	20.67	20.71	20.57	
10	16QAM	50	0	20.70	20.77	20.66	
10	64QAM	1	0	20.76	20.83	20.71	22.5
10	64QAM	1	25	20.58	20.52	20.54	
10	64QAM	1	49	20.61	20.69	20.54	
10	64QAM	25	0	19.54	19.58	19.55	21.5
10	64QAM	25	12	19.51	19.60	19.58	
10	64QAM	25	25	19.56	19.58	19.56	
10	64QAM	50	0	19.51	19.63	19.59	
10	256QAM	1	0	17.84	18.02	17.90	19.5
10	256QAM	1	25	17.60	17.65	17.54	
10	256QAM	1	49	17.61	17.69	17.61	
10	256QAM	25	0	17.60	17.65	17.60	19.5
10	256QAM	25	12	17.61	17.58	17.58	
10	256QAM	25	25	17.76	17.88	17.76	
10	256QAM	50	0	17.57	17.54	17.61	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	23.74	23.85	23.65	24.5
5	QPSK	1	12	23.25	23.37	23.26	
5	QPSK	1	24	23.34	23.46	23.28	
5	QPSK	12	0	22.22	22.40	22.28	23.5
5	QPSK	12	7	22.30	22.51	22.36	
5	QPSK	12	13	22.28	22.41	22.23	
5	QPSK	25	0	22.26	22.37	22.30	
5	16QAM	1	0	22.04	22.16	21.99	23.5
5	16QAM	1	12	21.65	21.73	21.58	
5	16QAM	1	24	21.63	21.77	21.67	
5	16QAM	12	0	20.68	20.80	20.61	22.5
5	16QAM	12	7	20.71	20.84	20.66	
5	16QAM	12	13	20.63	20.79	20.64	
5	16QAM	25	0	20.72	20.76	20.68	
5	64QAM	1	0	20.72	20.87	20.76	22.5
5	64QAM	1	12	20.53	20.54	20.52	
5	64QAM	1	24	20.50	20.57	20.55	
5	64QAM	12	0	19.54	19.54	19.53	21.5
5	64QAM	12	7	19.51	19.60	19.58	
5	64QAM	12	13	19.50	19.54	19.51	
5	64QAM	25	0	19.50	19.66	19.55	
5	256QAM	1	0	17.87	17.98	17.83	19.5
5	256QAM	1	12	17.50	17.70	17.51	
5	256QAM	1	24	17.53	17.73	17.58	
5	256QAM	12	0	17.58	17.64	17.61	19.5
5	256QAM	12	7	17.54	17.56	17.53	
5	256QAM	12	13	17.75	17.87	17.78	
5	256QAM	25	0	17.62	17.65	17.63	
Channel				19965	20175	20385	Tune-up limit

Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	23.67	23.88	23.70	24.5
3	QPSK	1	8	23.25	23.40	23.28	
3	QPSK	1	14	23.31	23.45	23.32	
3	QPSK	8	0	22.29	22.38	22.24	23.5
3	QPSK	8	4	22.33	22.43	22.35	
3	QPSK	8	7	22.22	22.38	22.19	
3	QPSK	15	0	22.26	22.45	22.25	
3	16QAM	1	0	21.99	22.17	22.02	23.5
3	16QAM	1	8	21.64	21.75	21.57	
3	16QAM	1	14	21.63	21.78	21.57	
3	16QAM	8	0	20.60	20.72	20.64	22.5
3	16QAM	8	4	20.71	20.86	20.69	
3	16QAM	8	7	20.68	20.77	20.57	
3	16QAM	15	0	20.71	20.84	20.68	
3	64QAM	1	0	20.79	20.88	20.75	22.5
3	64QAM	1	8	20.50	20.50	20.52	
3	64QAM	1	14	20.55	20.50	20.52	
3	64QAM	8	0	19.59	19.58	19.54	21.5
3	64QAM	8	4	19.56	19.70	19.68	
3	64QAM	8	7	19.54	19.51	19.68	
3	64QAM	15	0	19.52	19.64	19.53	
3	256QAM	1	0	17.82	17.99	17.86	19.5
3	256QAM	1	8	17.52	17.61	17.50	
3	256QAM	1	14	17.62	17.70	17.57	
3	256QAM	8	0	17.56	17.62	17.53	19.5
3	256QAM	8	4	17.52	17.56	17.52	
3	256QAM	8	7	17.70	17.87	17.75	
3	256QAM	15	0	17.64	17.74	17.60	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.68	23.89	23.74	24.5
1.4	QPSK	1	3	23.31	23.43	23.32	
1.4	QPSK	1	5	23.28	23.42	23.25	
1.4	QPSK	3	0	23.54	23.74	23.61	
1.4	QPSK	3	1	23.13	23.33	23.22	
1.4	QPSK	3	3	23.10	23.32	23.14	
1.4	QPSK	6	0	22.26	22.43	22.22	23.5
1.4	16QAM	1	0	21.95	22.11	21.97	23.5
1.4	16QAM	1	3	21.58	21.78	21.57	
1.4	16QAM	1	5	21.60	21.76	21.64	
1.4	16QAM	3	0	21.76	21.99	21.87	
1.4	16QAM	3	1	21.50	21.60	21.51	
1.4	16QAM	3	3	21.52	21.65	21.59	
1.4	16QAM	6	0	20.64	20.79	20.64	22.5
1.4	64QAM	1	0	20.77	20.89	20.69	22.5
1.4	64QAM	1	3	20.69	20.74	20.61	
1.4	64QAM	1	5	20.66	20.62	20.64	
1.4	64QAM	3	0	20.63	20.69	20.58	
1.4	64QAM	3	1	20.55	20.56	20.55	
1.4	64QAM	3	3	20.53	20.50	20.59	
1.4	64QAM	6	0	19.54	19.56	19.50	21.5
1.4	256QAM	1	0	17.90	18.01	17.81	19.5
1.4	256QAM	1	3	17.52	17.69	17.59	
1.4	256QAM	1	5	17.61	17.70	17.52	
1.4	256QAM	3	0	17.50	17.50	17.52	
1.4	256QAM	3	1	17.53	17.53	17.51	
1.4	256QAM	3	3	17.75	17.82	17.72	
1.4	256QAM	6	0	17.51	17.53	17.50	19.5

<LTE Band 5_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.53	23.58	23.49	24.5
10	QPSK	1	25	23.52	23.56	23.47	
10	QPSK	1	49	23.44	23.47	23.43	
10	QPSK	25	0	22.61	22.62	22.60	23.5
10	QPSK	25	12	22.61	22.61	22.59	
10	QPSK	25	25	22.52	22.58	22.54	
10	QPSK	50	0	22.54	22.58	22.54	
10	16QAM	1	0	22.80	22.81	22.78	23.5
10	16QAM	1	25	22.82	22.83	22.83	
10	16QAM	1	49	22.71	22.74	22.72	
10	16QAM	25	0	21.58	21.58	21.54	22.5
10	16QAM	25	12	21.62	21.65	21.62	
10	16QAM	25	25	21.59	21.63	21.59	
10	16QAM	50	0	21.59	21.62	21.56	
10	64QAM	1	0	21.67	21.75	21.72	22.5
10	64QAM	1	25	21.70	21.78	21.72	
10	64QAM	1	49	21.65	21.72	21.61	
10	64QAM	25	0	20.56	20.56	20.51	21.5
10	64QAM	25	12	20.64	20.65	20.62	
10	64QAM	25	25	20.58	20.63	20.58	
10	64QAM	50	0	20.60	20.60	20.59	
10	256QAM	1	0	19.10	19.20	19.15	19.5
10	256QAM	1	25	19.06	18.97	18.96	
10	256QAM	1	49	18.87	18.98	18.84	
10	256QAM	25	0	18.86	18.89	18.88	19.5
10	256QAM	25	12	18.92	18.95	19.00	
10	256QAM	25	25	18.91	18.90	18.89	
10	256QAM	50	0	18.92	18.94	19.09	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.39	23.39	23.36	24.5
5	QPSK	1	12	23.39	23.44	23.36	
5	QPSK	1	24	23.28	23.36	23.23	
5	QPSK	12	0	22.49	22.44	22.48	23.5
5	QPSK	12	7	22.47	22.51	22.43	
5	QPSK	12	13	22.32	22.44	22.41	
5	QPSK	25	0	22.39	22.47	22.42	
5	16QAM	1	0	22.69	22.70	22.60	23.5
5	16QAM	1	12	22.68	22.68	22.63	
5	16QAM	1	24	22.58	22.56	22.61	
5	16QAM	12	0	21.46	21.43	21.41	22.5
5	16QAM	12	7	21.43	21.45	21.51	
5	16QAM	12	13	21.47	21.44	21.42	
5	16QAM	25	0	21.39	21.43	21.39	
5	64QAM	1	0	21.49	21.56	21.58	22.5
5	64QAM	1	12	21.60	21.62	21.52	
5	64QAM	1	24	21.46	21.57	21.41	
5	64QAM	12	0	20.41	20.37	20.37	21.5
5	64QAM	12	7	20.52	20.54	20.43	
5	64QAM	12	13	20.44	20.53	20.48	
5	64QAM	25	0	20.41	20.48	20.49	
5	256QAM	1	0	18.92	19.01	18.99	19.5
5	256QAM	1	12	18.94	18.80	18.76	
5	256QAM	1	24	18.72	18.80	18.72	
5	256QAM	12	0	18.67	18.76	18.71	19.5
5	256QAM	12	7	18.76	18.75	18.90	
5	256QAM	12	13	18.73	18.79	18.70	
5	256QAM	25	0	18.73	18.81	18.92	

Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.43	23.38	23.33	24.5
3	QPSK	1	8	23.38	23.44	23.37	
3	QPSK	1	14	23.29	23.31	23.25	
3	QPSK	8	0	22.47	22.51	22.47	23.5
3	QPSK	8	4	22.50	22.42	22.46	
3	QPSK	8	7	22.40	22.40	22.34	
3	QPSK	15	0	22.44	22.42	22.36	
3	16QAM	1	0	22.63	22.64	22.63	23.5
3	16QAM	1	8	22.64	22.66	22.72	
3	16QAM	1	14	22.55	22.58	22.62	
3	16QAM	8	0	21.48	21.42	21.44	22.5
3	16QAM	8	4	21.45	21.49	21.43	
3	16QAM	8	7	21.48	21.52	21.44	
3	16QAM	15	0	21.44	21.51	21.40	
3	64QAM	1	0	21.48	21.64	21.56	22.5
3	64QAM	1	8	21.53	21.61	21.57	
3	64QAM	1	14	21.50	21.61	21.44	
3	64QAM	8	0	20.44	20.40	20.34	21.5
3	64QAM	8	4	20.48	20.50	20.45	
3	64QAM	8	7	20.46	20.50	20.44	
3	64QAM	15	0	20.49	20.48	20.39	
3	256QAM	1	0	18.94	19.10	18.97	19.5
3	256QAM	1	8	18.96	18.78	18.86	
3	256QAM	1	14	18.68	18.85	18.66	
3	256QAM	8	0	18.66	18.72	18.78	19.5
3	256QAM	8	4	18.76	18.80	18.88	
3	256QAM	8	7	18.79	18.72	18.72	
3	256QAM	15	0	18.79	18.78	18.96	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.44	23.44	23.43	24.5
1.4	QPSK	1	3	23.47	23.51	23.49	
1.4	QPSK	1	5	23.43	23.44	23.44	
1.4	QPSK	3	0	23.48	23.48	23.49	
1.4	QPSK	3	1	23.46	23.47	23.50	
1.4	QPSK	3	3	23.45	23.46	23.48	
1.4	QPSK	6	0	22.50	22.48	22.50	23.5
1.4	16QAM	1	0	22.76	22.79	22.78	23.5
1.4	16QAM	1	3	22.80	22.76	22.84	
1.4	16QAM	1	5	22.74	22.81	22.76	
1.4	16QAM	3	0	22.66	22.58	22.63	
1.4	16QAM	3	1	22.61	22.62	22.59	
1.4	16QAM	3	3	22.56	22.59	22.62	
1.4	16QAM	6	0	21.55	21.54	21.56	22.5
1.4	64QAM	1	0	21.62	21.66	21.76	22.5
1.4	64QAM	1	3	21.72	21.72	21.81	
1.4	64QAM	1	5	21.69	21.61	21.70	
1.4	64QAM	3	0	21.61	21.62	21.70	
1.4	64QAM	3	1	21.69	21.66	21.64	
1.4	64QAM	3	3	21.65	21.62	21.68	
1.4	64QAM	6	0	20.54	20.54	20.58	21.5
1.4	256QAM	1	0	18.96	19.07	18.95	19.5
1.4	256QAM	1	3	18.89	18.81	18.82	
1.4	256QAM	1	5	18.72	18.88	18.68	
1.4	256QAM	3	0	18.68	18.78	18.69	
1.4	256QAM	3	1	18.80	18.76	18.90	
1.4	256QAM	3	3	18.80	18.77	18.73	
1.4	256QAM	6	0	18.74	18.80	18.94	19.5

<LTE Band 7_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	22.88	23.14	22.86	24.5
20	QPSK	1	49	22.83	23.10	22.71	
20	QPSK	1	99	22.85	23.11	22.79	
20	QPSK	50	0	21.99	22.21	21.85	23.5
20	QPSK	50	24	21.96	22.19	21.82	
20	QPSK	50	50	21.89	22.10	21.76	
20	QPSK	100	0	21.92	22.17	21.79	
20	16QAM	1	0	22.15	22.41	21.96	23.5
20	16QAM	1	49	22.13	22.46	22.09	
20	16QAM	1	99	22.16	22.32	22.16	
20	16QAM	50	0	20.97	21.21	20.82	22.5
20	16QAM	50	24	20.96	21.23	20.85	
20	16QAM	50	50	20.90	21.13	20.80	
20	16QAM	100	0	20.97	21.22	20.83	
20	64QAM	1	0	21.06	21.29	21.07	22.5
20	64QAM	1	49	21.14	21.42	21.04	
20	64QAM	1	99	21.13	21.33	21.00	
20	64QAM	50	0	19.98	20.23	19.81	21.5
20	64QAM	50	24	19.99	20.25	19.88	
20	64QAM	50	50	19.91	20.16	19.81	
20	64QAM	100	0	19.98	20.22	19.85	
20	256QAM	1	0	18.56	18.52	18.53	19.5
20	256QAM	1	49	17.98	17.62	17.89	
20	256QAM	1	99	17.70	17.84	17.65	
20	256QAM	50	0	17.81	17.56	17.89	19.5
20	256QAM	50	24	17.84	17.53	17.80	
20	256QAM	50	50	17.69	17.75	17.69	
20	256QAM	100	0	17.72	17.60	17.77	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	22.71	23.01	22.73	24.5
15	QPSK	1	37	22.72	22.97	22.53	
15	QPSK	1	74	22.70	22.98	22.62	
15	QPSK	36	0	21.84	22.03	21.74	23.5
15	QPSK	36	20	21.84	22.09	21.71	
15	QPSK	36	39	21.76	21.98	21.65	
15	QPSK	75	0	21.82	22.05	21.64	
15	16QAM	1	0	21.99	22.22	21.82	23.5
15	16QAM	1	37	22.02	22.28	21.91	
15	16QAM	1	74	22.05	22.13	21.96	
15	16QAM	36	0	20.83	21.06	20.71	22.5
15	16QAM	36	20	20.80	21.12	20.67	
15	16QAM	36	39	20.80	21.00	20.62	
15	16QAM	75	0	20.85	21.12	20.67	
15	64QAM	1	0	20.92	21.19	20.91	22.5
15	64QAM	1	37	21.01	21.29	20.85	
15	64QAM	1	74	21.03	21.20	20.86	
15	64QAM	36	0	19.79	20.04	19.64	21.5
15	64QAM	36	20	19.83	20.15	19.72	
15	64QAM	36	39	19.72	19.99	19.70	
15	64QAM	75	0	19.81	20.08	19.74	
15	256QAM	1	0	18.37	18.35	18.39	19.5
15	256QAM	1	37	17.85	17.67	17.79	
15	256QAM	1	74	17.56	17.64	17.67	
15	256QAM	36	0	17.70	17.64	17.69	19.5

15	256QAM	36	20	17.68	17.59	17.68	
15	256QAM	36	39	17.50	17.55	17.57	
15	256QAM	75	0	17.55	17.51	17.65	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	22.71	23.04	22.66	24.5
10	QPSK	1	25	22.64	22.91	22.51	
10	QPSK	1	49	22.66	22.93	22.65	
10	QPSK	25	0	21.82	22.01	21.65	23.5
10	QPSK	25	12	21.83	22.03	21.69	
10	QPSK	25	25	21.71	21.92	21.61	
10	QPSK	50	0	21.79	22.05	21.60	
10	16QAM	1	0	22.00	22.31	21.79	23.5
10	16QAM	1	25	21.97	22.31	21.98	
10	16QAM	1	49	21.99	22.17	22.04	
10	16QAM	25	0	20.78	21.09	20.65	22.5
10	16QAM	25	12	20.84	21.04	20.69	
10	16QAM	25	25	20.72	21.00	20.68	
10	16QAM	50	0	20.79	21.05	20.71	
10	64QAM	1	0	20.87	21.14	20.97	22.5
10	64QAM	1	25	20.97	21.27	20.84	
10	64QAM	1	49	20.98	21.17	20.80	
10	64QAM	25	0	19.78	20.11	19.62	21.5
10	64QAM	25	12	19.85	20.12	19.73	
10	64QAM	25	25	19.76	20.06	19.61	
10	64QAM	50	0	19.82	20.04	19.75	
10	256QAM	1	0	18.36	18.41	18.41	19.5
10	256QAM	1	25	17.86	17.66	17.71	
10	256QAM	1	49	17.57	17.70	17.65	
10	256QAM	25	0	17.65	17.62	17.76	19.5
10	256QAM	25	12	17.72	17.60	17.67	
10	256QAM	25	25	17.50	17.62	17.55	
10	256QAM	50	0	17.60	17.52	17.60	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	22.77	22.95	22.69	24.5
5	QPSK	1	12	22.68	22.91	22.51	
5	QPSK	1	24	22.75	22.95	22.66	
5	QPSK	12	0	21.81	22.11	21.70	23.5
5	QPSK	12	7	21.79	22.02	21.62	
5	QPSK	12	13	21.79	21.98	21.60	
5	QPSK	25	0	21.76	22.06	21.63	
5	16QAM	1	0	22.01	22.31	21.77	23.5
5	16QAM	1	12	21.93	22.36	21.90	
5	16QAM	1	24	21.98	22.15	22.05	
5	16QAM	12	0	20.77	21.09	20.68	22.5
5	16QAM	12	7	20.78	21.11	20.71	
5	16QAM	12	13	20.76	20.98	20.66	
5	16QAM	25	0	20.85	21.02	20.65	
5	64QAM	1	0	20.94	21.14	20.91	22.5
5	64QAM	1	12	20.99	21.32	20.85	
5	64QAM	1	24	21.01	21.19	20.87	
5	64QAM	12	0	19.79	20.13	19.61	21.5
5	64QAM	12	7	19.86	20.07	19.74	
5	64QAM	12	13	19.74	20.04	19.65	
5	64QAM	25	0	19.84	20.06	19.74	
5	256QAM	1	0	18.43	18.39	18.41	19.5
5	256QAM	1	12	17.80	17.68	17.75	
5	256QAM	1	24	17.59	17.66	17.51	
5	256QAM	12	0	17.62	17.65	17.76	19.5
5	256QAM	12	7	17.68	17.55	17.62	
5	256QAM	12	13	17.69	17.64	17.50	
5	256QAM	25	0	17.53	17.51	17.62	

<LTE Band 7_Ant MIMO2_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.04	23.22	22.89	24.5
20	QPSK	1	49	23.02	23.20	22.87	
20	QPSK	1	99	22.94	23.12	22.79	
20	QPSK	50	0	21.95	22.12	21.81	23.5
20	QPSK	50	24	21.93	22.10	21.79	
20	QPSK	50	50	21.88	22.05	21.74	
20	QPSK	100	0	21.89	22.06	21.75	
20	16QAM	1	0	22.36	22.53	22.21	23.5
20	16QAM	1	49	22.34	22.51	22.19	
20	16QAM	1	99	22.26	22.43	22.11	
20	16QAM	50	0	21.29	21.46	21.16	22.5
20	16QAM	50	24	21.27	21.44	21.14	
20	16QAM	50	50	21.22	21.39	21.09	
20	16QAM	100	0	21.23	21.40	21.10	
20	64QAM	1	0	20.94	21.10	20.80	22.5
20	64QAM	1	49	20.92	21.08	20.78	
20	64QAM	1	99	20.85	21.01	20.71	
20	64QAM	50	0	19.94	20.10	19.81	21.5
20	64QAM	50	24	19.92	20.08	19.79	
20	64QAM	50	50	19.88	20.04	19.76	
20	64QAM	100	0	19.89	20.05	19.77	
20	256QAM	1	0	18.15	18.29	18.03	19.5
20	256QAM	1	49	18.13	18.27	18.01	
20	256QAM	1	99	18.07	18.21	17.95	
20	256QAM	50	0	17.98	18.12	17.86	19.5
20	256QAM	50	24	17.97	18.11	17.85	
20	256QAM	50	50	17.93	18.07	17.81	
20	256QAM	100	0	17.95	18.09	17.83	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	22.99	23.13	22.79	24.5
15	QPSK	1	37	22.94	23.15	22.77	
15	QPSK	1	74	22.85	23.04	22.69	
15	QPSK	36	0	21.86	22.07	21.76	23.5
15	QPSK	36	20	21.85	22.01	21.73	
15	QPSK	36	39	21.78	21.99	21.67	
15	QPSK	75	0	21.84	22.00	21.69	
15	16QAM	1	0	22.28	22.48	22.16	23.5
15	16QAM	1	37	22.29	22.44	22.09	
15	16QAM	1	74	22.16	22.34	22.05	
15	16QAM	36	0	21.20	21.38	21.09	22.5
15	16QAM	36	20	21.18	21.37	21.06	
15	16QAM	36	39	21.16	21.29	20.99	
15	16QAM	75	0	21.16	21.30	21.03	
15	64QAM	1	0	20.87	21.01	20.70	22.5
15	64QAM	1	37	20.86	20.99	20.70	
15	64QAM	1	74	20.79	20.91	20.63	
15	64QAM	36	0	19.84	20.04	19.72	21.5
15	64QAM	36	20	19.86	20.03	19.69	
15	64QAM	36	39	19.83	19.99	19.66	
15	64QAM	75	0	19.84	20.00	19.72	
15	256QAM	1	0	18.09	18.24	17.96	19.5
15	256QAM	1	37	18.03	18.18	17.93	
15	256QAM	1	74	17.98	18.13	17.89	
15	256QAM	36	0	17.92	18.06	17.81	19.5

15	256QAM	36	20	17.90	18.05	17.77	
15	256QAM	36	39	17.87	17.98	17.74	
15	256QAM	75	0	17.87	18.04	17.78	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	22.95	23.16	22.79	24.5
10	QPSK	1	25	22.96	23.10	22.77	
10	QPSK	1	49	22.85	23.03	22.73	
10	QPSK	25	0	21.89	22.07	21.71	23.5
10	QPSK	25	12	21.86	22.00	21.73	
10	QPSK	25	25	21.83	21.98	21.69	
10	QPSK	50	0	21.84	21.98	21.70	
10	16QAM	1	0	22.31	22.43	22.12	23.5
10	16QAM	1	25	22.25	22.41	22.12	
10	16QAM	1	49	22.17	22.38	22.03	
10	16QAM	25	0	21.24	21.41	21.08	22.5
10	16QAM	25	12	21.21	21.34	21.06	
10	16QAM	25	25	21.16	21.31	21.02	
10	16QAM	50	0	21.13	21.35	21.01	
10	64QAM	1	0	20.85	21.01	20.73	22.5
10	64QAM	1	25	20.87	21.02	20.70	
10	64QAM	1	49	20.79	20.94	20.64	
10	64QAM	25	0	19.84	20.04	19.71	21.5
10	64QAM	25	12	19.86	19.99	19.73	
10	64QAM	25	25	19.79	19.97	19.69	
10	64QAM	50	0	19.83	19.97	19.70	
10	256QAM	1	0	18.06	18.24	17.98	19.5
10	256QAM	1	25	18.06	18.22	17.95	
10	256QAM	1	49	17.99	18.13	17.88	
10	256QAM	25	0	17.88	18.07	17.78	19.5
10	256QAM	25	12	17.91	18.05	17.78	
10	256QAM	25	25	17.85	18.01	17.72	
10	256QAM	50	0	17.86	18.02	17.78	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	22.95	23.17	22.84	24.5
5	QPSK	1	12	22.92	23.15	22.81	
5	QPSK	1	24	22.85	23.05	22.71	
5	QPSK	12	0	21.90	22.07	21.74	23.5
5	QPSK	12	7	21.85	22.05	21.69	
5	QPSK	12	13	21.80	21.95	21.69	
5	QPSK	25	0	21.81	21.99	21.67	
5	16QAM	1	0	22.29	22.48	22.13	23.5
5	16QAM	1	12	22.25	22.42	22.11	
5	16QAM	1	24	22.18	22.38	22.04	
5	16QAM	12	0	21.20	21.37	21.07	22.5
5	16QAM	12	7	21.17	21.35	21.08	
5	16QAM	12	13	21.16	21.32	21.04	
5	16QAM	25	0	21.15	21.31	21.05	
5	64QAM	1	0	20.84	21.02	20.71	22.5
5	64QAM	1	12	20.82	21.01	20.71	
5	64QAM	1	24	20.79	20.94	20.66	
5	64QAM	12	0	19.86	20.04	19.73	21.5
5	64QAM	12	7	19.84	19.98	19.70	
5	64QAM	12	13	19.82	19.96	19.68	
5	64QAM	25	0	19.84	19.97	19.70	
5	256QAM	1	0	18.08	18.19	17.94	19.5
5	256QAM	1	12	18.04	18.19	17.91	
5	256QAM	1	24	18.02	18.11	17.88	
5	256QAM	12	0	17.91	18.04	17.81	19.5
5	256QAM	12	7	17.91	18.01	17.78	
5	256QAM	12	13	17.86	18.00	17.74	
5	256QAM	25	0	17.86	18.04	17.75	

<LTE Band 12_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.72	23.75	23.74	24.5
10	QPSK	1	25	23.63	23.64	23.70	
10	QPSK	1	49	23.70	23.71	23.73	
10	QPSK	25	0	22.73	22.78	22.80	23.5
10	QPSK	25	12	22.72	22.76	22.77	
10	QPSK	25	25	22.75	22.77	22.75	
10	QPSK	50	0	22.71	22.73	22.70	
10	16QAM	1	0	22.87	22.87	22.91	23.5
10	16QAM	1	25	22.95	22.98	22.93	
10	16QAM	1	49	22.95	22.96	22.99	
10	16QAM	25	0	21.68	21.71	21.64	22.5
10	16QAM	25	12	21.80	21.81	21.79	
10	16QAM	25	25	21.78	21.75	21.78	
10	16QAM	50	0	21.73	21.76	21.74	
10	64QAM	1	0	21.80	21.82	21.87	22.5
10	64QAM	1	25	21.81	21.92	21.96	
10	64QAM	1	49	21.83	21.94	21.94	
10	64QAM	25	0	20.66	20.67	20.63	21.5
10	64QAM	25	12	20.77	20.81	20.77	
10	64QAM	25	25	20.76	20.79	20.78	
10	64QAM	50	0	20.75	20.74	20.76	
10	256QAM	1	0	19.00	19.02	18.91	19.5
10	256QAM	1	25	19.17	19.11	19.10	
10	256QAM	1	49	18.96	19.01	18.87	
10	256QAM	25	0	19.05	18.98	18.97	19.5
10	256QAM	25	12	19.13	19.09	19.01	
10	256QAM	25	25	19.08	19.03	19.04	
10	256QAM	50	0	19.05	19.04	18.98	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.58	23.62	23.61	24.5
5	QPSK	1	12	23.45	23.53	23.58	
5	QPSK	1	24	23.54	23.57	23.61	
5	QPSK	12	0	22.62	22.61	22.69	23.5
5	QPSK	12	7	22.56	22.58	22.60	
5	QPSK	12	13	22.60	22.60	22.57	
5	QPSK	25	0	22.59	22.57	22.52	
5	16QAM	1	0	22.73	22.71	22.76	23.5
5	16QAM	1	12	22.79	22.78	22.73	
5	16QAM	1	24	22.84	22.83	22.88	
5	16QAM	12	0	21.55	21.58	21.49	22.5
5	16QAM	12	7	21.62	21.65	21.68	
5	16QAM	12	13	21.60	21.55	21.63	
5	16QAM	25	0	21.53	21.66	21.55	
5	64QAM	1	0	21.67	21.63	21.71	22.5
5	64QAM	1	12	21.69	21.72	21.77	
5	64QAM	1	24	21.70	21.79	21.82	
5	64QAM	12	0	20.53	20.55	20.46	21.5
5	64QAM	12	7	20.61	20.68	20.66	
5	64QAM	12	13	20.59	20.61	20.61	
5	64QAM	25	0	20.55	20.56	20.64	
5	256QAM	1	0	18.85	18.82	18.80	19.5
5	256QAM	1	12	18.99	18.92	18.98	
5	256QAM	1	24	18.86	18.85	18.76	
5	256QAM	12	0	18.90	18.78	18.85	19.5

5	256QAM	12	7	18.95	18.90	18.87	
5	256QAM	12	13	18.94	18.83	18.87	
5	256QAM	25	0	18.89	18.91	18.86	
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	23.55	23.57	23.57	24.5
3	QPSK	1	8	23.51	23.48	23.52	
3	QPSK	1	14	23.60	23.56	23.63	
3	QPSK	8	0	22.56	22.66	22.70	23.5
3	QPSK	8	4	22.56	22.57	22.66	
3	QPSK	8	7	22.55	22.64	22.55	
3	QPSK	15	0	22.60	22.55	22.55	
3	16QAM	1	0	22.72	22.72	22.81	23.5
3	16QAM	1	8	22.75	22.79	22.77	
3	16QAM	1	14	22.83	22.79	22.86	
3	16QAM	8	0	21.53	21.58	21.51	22.5
3	16QAM	8	4	21.67	21.65	21.67	
3	16QAM	8	7	21.64	21.59	21.60	
3	16QAM	15	0	21.55	21.63	21.64	
3	64QAM	1	0	21.65	21.65	21.68	22.5
3	64QAM	1	8	21.69	21.81	21.82	
3	64QAM	1	14	21.72	21.75	21.80	
3	64QAM	8	0	20.55	20.49	20.44	21.5
3	64QAM	8	4	20.67	20.71	20.57	
3	64QAM	8	7	20.60	20.59	20.58	
3	64QAM	15	0	20.59	20.61	20.65	
3	256QAM	1	0	18.89	18.84	18.74	19.5
3	256QAM	1	8	19.01	18.94	18.91	
3	256QAM	1	14	18.83	18.90	18.71	
3	256QAM	8	0	18.90	18.81	18.87	19.5
3	256QAM	8	4	18.96	18.89	18.85	
3	256QAM	8	7	18.90	18.87	18.88	
3	256QAM	15	0	18.88	18.86	18.78	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	23.60	23.65	23.64	24.5
1.4	QPSK	1	3	23.63	23.68	23.69	
1.4	QPSK	1	5	23.61	23.66	23.63	
1.4	QPSK	3	0	23.61	23.66	23.63	
1.4	QPSK	3	1	23.63	23.68	23.65	
1.4	QPSK	3	3	23.61	23.66	23.63	
1.4	QPSK	6	0	22.67	22.69	22.65	23.5
1.4	16QAM	1	0	22.93	22.98	22.90	23.5
1.4	16QAM	1	3	22.97	23.03	23.01	
1.4	16QAM	1	5	22.95	22.95	22.88	
1.4	16QAM	3	0	22.73	22.78	22.76	
1.4	16QAM	3	1	22.79	22.84	22.79	
1.4	16QAM	3	3	22.76	22.81	22.75	
1.4	16QAM	6	0	21.72	21.77	21.74	22.5
1.4	64QAM	1	0	21.92	21.91	21.97	22.5
1.4	64QAM	1	3	21.92	21.94	21.88	
1.4	64QAM	1	5	21.89	21.90	21.84	
1.4	64QAM	3	0	21.78	21.82	21.77	
1.4	64QAM	3	1	21.83	21.87	21.81	
1.4	64QAM	3	3	21.72	21.82	21.82	
1.4	64QAM	6	0	20.73	20.76	20.72	21.5
1.4	256QAM	1	0	18.90	18.85	18.79	19.5
1.4	256QAM	1	3	18.98	18.91	18.96	
1.4	256QAM	1	5	18.79	18.85	18.72	
1.4	256QAM	3	0	18.93	18.83	18.85	
1.4	256QAM	3	1	18.93	18.98	18.86	
1.4	256QAM	3	3	18.91	18.93	18.90	
1.4	256QAM	6	0	18.85	18.93	18.85	19.5

<LTE Band 13_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		23.55		24.5
10	QPSK	1	25		23.54		
10	QPSK	1	49		23.53		
10	QPSK	25	0		22.62		23.5
10	QPSK	25	12		22.61		
10	QPSK	25	25		22.58		
10	QPSK	50	0		22.57		
10	16QAM	1	0		22.72		23.5
10	16QAM	1	25		22.84		
10	16QAM	1	49		22.81		
10	16QAM	25	0		21.57		22.5
10	16QAM	25	12		21.66		
10	16QAM	25	25		21.62		
10	16QAM	50	0		21.60		
10	64QAM	1	0		21.66		22.5
10	64QAM	1	25		21.70		
10	64QAM	1	49		21.73		
10	64QAM	25	0		20.53		21.5
10	64QAM	25	12		20.65		
10	64QAM	25	25		20.58		
10	64QAM	50	0		20.63		
10	256QAM	1	0		19.05		19.5
10	256QAM	1	25		19.03		
10	256QAM	1	49		18.95		
10	256QAM	25	0		18.86		19.5
10	256QAM	25	12		18.99		
10	256QAM	25	25		18.87		
10	256QAM	50	0		18.95		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	23.52	23.52	23.50	24.5
5	QPSK	1	12	23.54	23.54	23.50	
5	QPSK	1	24	23.50	23.50	23.49	
5	QPSK	12	0	22.50	22.53	22.53	23.5
5	QPSK	12	7	22.64	22.60	22.64	
5	QPSK	12	13	22.56	22.56	22.59	
5	QPSK	25	0	22.57	22.55	22.57	
5	16QAM	1	0	23.01	22.92	22.98	23.5
5	16QAM	1	12	22.97	23.00	22.95	
5	16QAM	1	24	22.93	22.89	22.94	
5	16QAM	12	0	21.58	21.55	21.59	22.5
5	16QAM	12	7	21.68	21.66	21.70	
5	16QAM	12	13	21.60	21.62	21.62	
5	16QAM	25	0	21.58	21.58	21.60	
5	64QAM	1	0	21.88	21.78	21.85	22.5
5	64QAM	1	12	21.89	21.83	21.78	
5	64QAM	1	24	21.83	21.70	21.77	
5	64QAM	12	0	20.55	20.54	20.59	21.5
5	64QAM	12	7	20.66	20.67	20.71	
5	64QAM	12	13	20.61	20.62	20.62	
5	64QAM	25	0	20.61	20.60	20.60	
5	256QAM	1	0	19.00	19.03	19.01	19.5
5	256QAM	1	12	18.85	18.93	18.85	
5	256QAM	1	24	18.77	18.83	18.76	
5	256QAM	12	0	18.74	18.76	18.71	19.5

5	256QAM	12	7	18.79	18.82	18.84	
5	256QAM	12	13	18.76	18.67	18.76	
5	256QAM	25	0	18.77	18.85	18.81	

<LTE Band 14_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		23.60		24.5
10	QPSK	1	25		23.50		
10	QPSK	1	49		23.44		
10	QPSK	25	0		22.64		23.5
10	QPSK	25	12		22.58		
10	QPSK	25	25		22.53		
10	QPSK	50	0		22.55		
10	16QAM	1	0		22.85		23.5
10	16QAM	1	25		22.80		
10	16QAM	1	49		22.80		
10	16QAM	25	0		21.68		22.5
10	16QAM	25	12		21.66		
10	16QAM	25	25		21.60		
10	16QAM	50	0		21.60		
10	64QAM	1	0		21.77		22.5
10	64QAM	1	25		21.65		
10	64QAM	1	49		21.68		
10	64QAM	25	0		20.64		21.5
10	64QAM	25	12		20.63		
10	64QAM	25	25		20.57		
10	64QAM	50	0		20.61		
10	256QAM	1	0		19.06		19.5
10	256QAM	1	25		19.03		
10	256QAM	1	49		18.65		
10	256QAM	25	0		19.00		19.5
10	256QAM	25	12		18.98		
10	256QAM	25	25		18.78		
10	256QAM	50	0		18.94		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	23.53	23.56	23.51	24.5
5	QPSK	1	12	23.52	23.58	23.50	
5	QPSK	1	24	23.47	23.52	23.45	
5	QPSK	12	0	22.60	22.64	22.50	23.5
5	QPSK	12	7	22.60	22.66	22.51	
5	QPSK	12	13	22.53	22.60	22.54	
5	QPSK	25	0	22.53	22.61	22.46	
5	16QAM	1	0	23.01	22.98	22.93	23.5
5	16QAM	1	12	22.89	22.90	22.90	
5	16QAM	1	24	22.86	22.98	22.91	
5	16QAM	12	0	21.64	21.69	21.56	22.5
5	16QAM	12	7	21.66	21.69	21.56	
5	16QAM	12	13	21.59	21.66	21.59	
5	16QAM	25	0	21.57	21.65	21.48	
5	64QAM	1	0	21.83	21.79	21.67	22.5
5	64QAM	1	12	21.75	21.85	21.79	
5	64QAM	1	24	21.69	21.86	21.74	
5	64QAM	12	0	20.62	20.68	20.53	21.5
5	64QAM	12	7	20.64	20.70	20.54	
5	64QAM	12	13	20.59	20.62	20.58	
5	64QAM	25	0	20.57	20.64	20.50	
5	256QAM	1	0	19.02	19.04	19.00	19.5

5	256QAM	1	12	18.92	18.88	18.93	
5	256QAM	1	24	18.55	18.55	18.48	
5	256QAM	12	0	18.81	18.82	18.82	19.5
5	256QAM	12	7	18.87	18.81	18.81	
5	256QAM	12	13	18.59	18.66	18.62	
5	256QAM	25	0	18.76	18.84	18.83	

<LTE Band 17_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	23.70	23.74	23.69	24.5
10	QPSK	1	25	23.60	23.67	23.68	
10	QPSK	1	49	23.67	23.64	23.65	
10	QPSK	25	0	22.65	22.62	22.66	23.5
10	QPSK	25	12	22.78	22.72	22.71	
10	QPSK	25	25	22.77	22.76	22.77	
10	QPSK	50	0	22.66	22.65	22.65	
10	16QAM	1	0	22.82	22.85	22.80	23.5
10	16QAM	1	25	22.96	22.99	22.87	
10	16QAM	1	49	22.99	22.95	22.95	
10	16QAM	25	0	21.66	21.68	21.70	22.5
10	16QAM	25	12	21.83	21.72	21.72	
10	16QAM	25	25	21.81	21.82	21.81	
10	16QAM	50	0	21.70	21.69	21.67	
10	64QAM	1	0	21.74	21.80	21.78	22.5
10	64QAM	1	25	21.97	21.87	21.86	
10	64QAM	1	49	21.95	21.92	21.86	
10	64QAM	25	0	20.69	20.69	20.71	21.5
10	64QAM	25	12	20.83	20.74	20.74	
10	64QAM	25	25	20.84	20.82	20.82	
10	64QAM	50	0	20.73	20.69	20.69	
10	256QAM	1	0	19.12	19.01	19.00	19.5
10	256QAM	1	25	19.15	19.29	19.13	
10	256QAM	1	49	19.10	19.13	19.03	
10	256QAM	25	0	19.00	19.00	18.96	19.5
10	256QAM	25	12	19.14	19.02	19.04	
10	256QAM	25	25	19.08	19.07	19.04	
10	256QAM	50	0	18.97	19.01	18.97	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	23.59	23.63	23.50	24.5
5	QPSK	1	12	23.40	23.51	23.52	
5	QPSK	1	24	23.47	23.46	23.50	
5	QPSK	12	0	22.54	22.42	22.55	23.5
5	QPSK	12	7	22.66	22.62	22.55	
5	QPSK	12	13	22.57	22.62	22.62	
5	QPSK	25	0	22.55	22.50	22.55	
5	16QAM	1	0	22.65	22.70	22.62	23.5
5	16QAM	1	12	22.82	22.87	22.67	
5	16QAM	1	24	22.84	22.81	22.81	
5	16QAM	12	0	21.52	21.49	21.60	22.5
5	16QAM	12	7	21.67	21.56	21.53	
5	16QAM	12	13	21.65	21.65	21.65	
5	16QAM	25	0	21.60	21.56	21.55	
5	64QAM	1	0	21.55	21.63	21.58	22.5
5	64QAM	1	12	21.83	21.67	21.69	
5	64QAM	1	24	21.77	21.74	21.72	
5	64QAM	12	0	20.52	20.55	20.51	21.5
5	64QAM	12	7	20.66	20.59	20.56	

5	64QAM	12	13	20.73	20.64	20.70	
5	64QAM	25	0	20.53	20.50	20.55	
5	256QAM	1	0	18.92	18.84	18.86	19.5
5	256QAM	1	12	19.01	19.09	19.00	
5	256QAM	1	24	18.94	18.98	18.83	
5	256QAM	12	0	18.86	18.87	18.78	19.5
5	256QAM	12	7	19.03	18.88	18.90	
5	256QAM	12	13	18.88	18.91	18.86	
5	256QAM	25	0	18.84	18.84	18.82	

<LTE Band 25_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	23.40	23.51	23.41	24.5
20	QPSK	1	49	23.37	23.35	23.37	
20	QPSK	1	99	23.36	23.27	23.33	
20	QPSK	50	0	22.45	22.47	22.47	23.5
20	QPSK	50	24	22.43	22.46	22.46	
20	QPSK	50	50	22.41	22.39	22.42	
20	QPSK	100	0	22.39	22.50	22.44	
20	16QAM	1	0	22.69	22.65	22.70	23.5
20	16QAM	1	49	22.72	22.70	22.72	
20	16QAM	1	99	22.59	22.66	22.67	
20	16QAM	50	0	21.40	21.40	21.41	22.5
20	16QAM	50	24	21.46	21.47	21.49	
20	16QAM	50	50	21.40	21.40	21.47	
20	16QAM	100	0	21.43	21.40	21.45	
20	64QAM	1	0	21.60	21.60	21.62	22.5
20	64QAM	1	49	21.67	21.64	21.62	
20	64QAM	1	99	21.53	21.47	21.62	
20	64QAM	50	0	20.38	20.41	20.43	21.5
20	64QAM	50	24	20.45	20.46	20.49	
20	64QAM	50	50	20.42	20.41	20.44	
20	64QAM	100	0	20.42	20.40	20.46	
20	256QAM	1	0	18.66	18.68	18.64	19.5
20	256QAM	1	49	18.56	18.42	18.47	
20	256QAM	1	99	18.34	18.45	18.34	
20	256QAM	50	0	18.22	18.31	18.27	19.5
20	256QAM	50	24	18.38	18.36	18.39	
20	256QAM	50	50	18.33	18.32	18.34	
20	256QAM	100	0	18.34	18.34	18.32	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	23.21	23.36	23.30	24.5
15	QPSK	1	37	23.24	23.24	23.20	
15	QPSK	1	74	23.16	23.07	23.14	
15	QPSK	36	0	22.32	22.32	22.28	23.5
15	QPSK	36	20	22.29	22.29	22.26	
15	QPSK	36	39	22.21	22.24	22.26	
15	QPSK	75	0	22.21	22.39	22.30	
15	16QAM	1	0	22.54	22.54	22.54	23.5
15	16QAM	1	37	22.53	22.51	22.58	
15	16QAM	1	74	22.41	22.48	22.56	
15	16QAM	36	0	21.28	21.28	21.22	22.5
15	16QAM	36	20	21.33	21.30	21.31	
15	16QAM	36	39	21.25	21.29	21.27	
15	16QAM	75	0	21.32	21.28	21.27	
15	64QAM	1	0	21.44	21.49	21.42	22.5
15	64QAM	1	37	21.57	21.48	21.46	

15	64QAM	1	74	21.33	21.34	21.47	
15	64QAM	36	0	20.26	20.29	20.23	21.5
15	64QAM	36	20	20.35	20.35	20.36	
15	64QAM	36	39	20.28	20.28	20.32	
15	64QAM	75	0	20.22	20.20	20.26	
15	256QAM	1	0	18.54	18.49	18.47	19.5
15	256QAM	1	37	18.46	18.30	18.31	
15	256QAM	1	74	18.24	18.26	18.15	
15	256QAM	36	0	18.06	18.15	18.17	19.5
15	256QAM	36	20	18.25	18.17	18.29	
15	256QAM	36	39	18.19	18.12	18.20	
15	256QAM	75	0	18.21	18.18	18.14	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	23.21	23.36	23.31	24.5
10	QPSK	1	25	23.18	23.24	23.20	
10	QPSK	1	49	23.21	23.17	23.14	
10	QPSK	25	0	22.34	22.34	22.29	23.5
10	QPSK	25	12	22.28	22.34	22.33	
10	QPSK	25	25	22.26	22.23	22.23	
10	QPSK	50	0	22.26	22.32	22.24	
10	16QAM	1	0	22.52	22.55	22.58	23.5
10	16QAM	1	25	22.53	22.51	22.55	
10	16QAM	1	49	22.40	22.53	22.49	
10	16QAM	25	0	21.23	21.26	21.25	22.5
10	16QAM	25	12	21.28	21.31	21.34	
10	16QAM	25	25	21.22	21.26	21.30	
10	16QAM	50	0	21.23	21.28	21.34	
10	64QAM	1	0	21.46	21.42	21.43	22.5
10	64QAM	1	25	21.47	21.52	21.45	
10	64QAM	1	49	21.36	21.28	21.48	
10	64QAM	25	0	20.28	20.26	20.28	21.5
10	64QAM	25	12	20.27	20.27	20.36	
10	64QAM	25	25	20.27	20.25	20.33	
10	64QAM	50	0	20.30	20.29	20.35	
10	256QAM	1	0	18.55	18.56	18.54	19.5
10	256QAM	1	25	18.37	18.29	18.32	
10	256QAM	1	49	18.19	18.35	18.24	
10	256QAM	25	0	18.05	18.16	18.12	19.5
10	256QAM	25	12	18.19	18.21	18.24	
10	256QAM	25	25	18.22	18.21	18.19	
10	256QAM	50	0	18.23	18.23	18.19	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	23.24	23.32	23.25	24.5
5	QPSK	1	12	23.23	23.25	23.20	
5	QPSK	1	24	23.25	23.16	23.19	
5	QPSK	12	0	22.30	22.30	22.35	23.5
5	QPSK	12	7	22.23	22.35	22.31	
5	QPSK	12	13	22.26	22.20	22.32	
5	QPSK	25	0	22.29	22.34	22.24	
5	16QAM	1	0	22.51	22.47	22.53	23.5
5	16QAM	1	12	22.57	22.51	22.59	
5	16QAM	1	24	22.47	22.54	22.47	
5	16QAM	12	0	21.26	21.25	21.26	22.5
5	16QAM	12	7	21.28	21.33	21.31	
5	16QAM	12	13	21.23	21.24	21.34	
5	16QAM	25	0	21.23	21.22	21.33	
5	64QAM	1	0	21.45	21.43	21.48	22.5
5	64QAM	1	12	21.54	21.50	21.43	
5	64QAM	1	24	21.42	21.37	21.49	
5	64QAM	12	0	20.27	20.31	20.28	21.5
5	64QAM	12	7	20.35	20.36	20.33	

5	64QAM	12	13	20.26	20.21	20.26	
5	64QAM	25	0	20.26	20.25	20.32	
5	256QAM	1	0	18.52	18.56	18.46	19.5
5	256QAM	1	12	18.39	18.28	18.36	
5	256QAM	1	24	18.16	18.28	18.19	
5	256QAM	12	0	18.09	18.21	18.13	19.5
5	256QAM	12	7	18.24	18.26	18.26	
5	256QAM	12	13	18.19	18.12	18.16	
5	256QAM	25	0	18.22	18.24	18.22	
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	23.22	23.32	23.23	24.5
3	QPSK	1	8	23.26	23.24	23.26	
3	QPSK	1	14	23.21	23.13	23.16	
3	QPSK	8	0	22.28	22.33	22.37	23.5
3	QPSK	8	4	22.32	22.29	22.27	
3	QPSK	8	7	22.25	22.22	22.32	
3	QPSK	15	0	22.19	22.30	22.27	
3	16QAM	1	0	22.56	22.51	22.50	23.5
3	16QAM	1	8	22.62	22.59	22.57	
3	16QAM	1	14	22.42	22.52	22.50	
3	16QAM	8	0	21.25	21.27	21.22	22.5
3	16QAM	8	4	21.34	21.37	21.32	
3	16QAM	8	7	21.21	21.20	21.31	
3	16QAM	15	0	21.23	21.30	21.31	
3	64QAM	1	0	21.44	21.44	21.44	22.5
3	64QAM	1	8	21.57	21.54	21.42	
3	64QAM	1	14	21.42	21.32	21.43	
3	64QAM	8	0	20.23	20.31	20.30	21.5
3	64QAM	8	4	20.33	20.31	20.33	
3	64QAM	8	7	20.32	20.29	20.28	
3	64QAM	15	0	20.28	20.30	20.30	
3	256QAM	1	0	18.46	18.48	18.48	19.5
3	256QAM	1	8	18.39	18.28	18.30	
3	256QAM	1	14	18.19	18.27	18.22	
3	256QAM	8	0	18.07	18.15	18.07	19.5
3	256QAM	8	4	18.25	18.21	18.23	
3	256QAM	8	7	18.19	18.20	18.23	
3	256QAM	15	0	18.17	18.24	18.22	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	23.38	23.47	23.37	24.5
1.4	QPSK	1	3	23.35	23.31	23.35	
1.4	QPSK	1	5	23.33	23.23	23.29	
1.4	QPSK	3	0	22.61	22.65	22.64	
1.4	QPSK	3	1	22.61	22.63	22.62	
1.4	QPSK	3	3	22.58	22.55	22.58	
1.4	QPSK	6	0	22.37	22.47	22.41	23.5
1.4	16QAM	1	0	22.66	22.61	22.68	23.5
1.4	16QAM	1	3	22.70	22.66	22.68	
1.4	16QAM	1	5	22.55	22.64	22.64	
1.4	16QAM	3	0	21.56	21.56	21.57	
1.4	16QAM	3	1	21.63	21.65	21.65	
1.4	16QAM	3	3	21.58	21.57	21.65	
1.4	16QAM	6	0	21.39	21.36	21.43	22.5
1.4	64QAM	1	0	21.56	21.58	21.60	22.5
1.4	64QAM	1	3	21.63	21.62	21.58	
1.4	64QAM	1	5	21.50	21.44	21.58	
1.4	64QAM	3	0	20.54	20.58	20.59	
1.4	64QAM	3	1	20.63	20.64	20.67	
1.4	64QAM	3	3	20.60	20.58	20.60	
1.4	64QAM	6	0	20.40	20.37	20.43	21.5
1.4	256QAM	1	0	18.64	18.65	18.62	19.5

1.4	256QAM	1	3	18.54	18.39	18.43	
1.4	256QAM	1	5	18.30	18.41	18.30	
1.4	256QAM	3	0	18.18	18.28	18.25	
1.4	256QAM	3	1	18.34	18.32	18.36	
1.4	256QAM	3	3	18.30	18.30	18.30	
1.4	256QAM	6	0	18.32	18.32	18.30	19.5

<LTE Band 25_Ant MIMO2_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	23.31	23.53	23.32	24.5
20	QPSK	1	49	23.21	23.43	23.22	
20	QPSK	1	99	23.25	23.47	23.26	
20	QPSK	50	0	22.38	22.59	22.39	23.5
20	QPSK	50	24	22.34	22.55	22.35	
20	QPSK	50	50	22.29	22.50	22.30	
20	QPSK	100	0	22.32	22.53	22.33	
20	16QAM	1	0	22.44	22.65	22.45	23.5
20	16QAM	1	49	22.34	22.55	22.35	
20	16QAM	1	99	22.38	22.59	22.39	
20	16QAM	50	0	21.55	21.75	21.56	22.5
20	16QAM	50	24	21.51	21.71	21.52	
20	16QAM	50	50	21.46	21.66	21.47	
20	16QAM	100	0	21.49	21.69	21.50	
20	64QAM	1	0	21.29	21.49	21.30	22.5
20	64QAM	1	49	21.20	21.40	21.21	
20	64QAM	1	99	21.24	21.44	21.25	
20	64QAM	50	0	20.44	20.63	20.45	21.5
20	64QAM	50	24	20.40	20.59	20.41	
20	64QAM	50	50	20.36	20.55	20.37	
20	64QAM	100	0	20.39	20.58	20.40	
20	256QAM	1	0	18.46	18.63	18.46	19.5
20	256QAM	1	49	18.38	18.55	18.38	
20	256QAM	1	99	18.41	18.58	18.41	
20	256QAM	50	0	17.72	17.89	17.73	19.5
20	256QAM	50	24	17.68	17.85	17.69	
20	256QAM	50	50	17.64	17.81	17.65	
20	256QAM	100	0	17.67	17.84	17.68	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	23.15	23.35	23.12	24.5
15	QPSK	1	37	23.10	23.32	23.07	
15	QPSK	1	74	23.05	23.29	23.06	
15	QPSK	36	0	22.21	22.45	22.22	23.5
15	QPSK	36	20	22.24	22.40	22.16	
15	QPSK	36	39	22.13	22.34	22.16	
15	QPSK	75	0	22.19	22.41	22.21	
15	16QAM	1	0	22.32	22.52	22.26	23.5
15	16QAM	1	37	22.14	22.35	22.20	
15	16QAM	1	74	22.27	22.45	22.25	
15	16QAM	36	0	21.42	21.56	21.36	22.5
15	16QAM	36	20	21.35	21.56	21.39	
15	16QAM	36	39	21.33	21.49	21.31	
15	16QAM	75	0	21.29	21.49	21.32	
15	64QAM	1	0	21.10	21.35	21.12	22.5
15	64QAM	1	37	21.10	21.24	21.08	
15	64QAM	1	74	21.11	21.28	21.15	
15	64QAM	36	0	20.33	20.53	20.35	21.5
15	64QAM	36	20	20.26	20.43	20.25	

15	64QAM	36	39	20.18	20.38	20.21	
15	64QAM	75	0	20.23	20.46	20.29	
15	256QAM	1	0	18.35	18.43	18.29	19.5
15	256QAM	1	37	18.23	18.43	18.27	
15	256QAM	1	74	18.28	18.45	18.31	
15	256QAM	36	0	17.58	17.69	17.60	19.5
15	256QAM	36	20	17.58	17.70	17.55	
15	256QAM	36	39	17.50	17.64	17.53	
15	256QAM	75	0	17.55	17.66	17.55	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	23.15	23.37	23.12	24.5
10	QPSK	1	25	23.03	23.26	23.11	
10	QPSK	1	49	23.15	23.36	23.09	
10	QPSK	25	0	22.23	22.46	22.24	23.5
10	QPSK	25	12	22.22	22.45	22.17	
10	QPSK	25	25	22.12	22.34	22.14	
10	QPSK	50	0	22.17	22.33	22.16	
10	16QAM	1	0	22.28	22.55	22.25	23.5
10	16QAM	1	25	22.24	22.36	22.21	
10	16QAM	1	49	22.18	22.47	22.21	
10	16QAM	25	0	21.39	21.62	21.38	22.5
10	16QAM	25	12	21.41	21.57	21.39	
10	16QAM	25	25	21.26	21.54	21.36	
10	16QAM	50	0	21.37	21.51	21.30	
10	64QAM	1	0	21.14	21.30	21.14	22.5
10	64QAM	1	25	21.07	21.24	21.09	
10	64QAM	1	49	21.14	21.29	21.13	
10	64QAM	25	0	20.29	20.51	20.33	21.5
10	64QAM	25	12	20.20	20.44	20.21	
10	64QAM	25	25	20.21	20.37	20.24	
10	64QAM	50	0	20.24	20.42	20.21	
10	256QAM	1	0	18.27	18.52	18.31	19.5
10	256QAM	1	25	18.18	18.40	18.27	
10	256QAM	1	49	18.31	18.38	18.23	
10	256QAM	25	0	17.53	17.77	17.58	19.5
10	256QAM	25	12	17.56	17.71	17.51	
10	256QAM	25	25	17.67	17.70	17.65	
10	256QAM	50	0	17.58	17.69	17.53	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	23.21	23.40	23.22	24.5
5	QPSK	1	12	23.06	23.29	23.10	
5	QPSK	1	24	23.15	23.37	23.16	
5	QPSK	12	0	22.20	22.42	22.27	23.5
5	QPSK	12	7	22.19	22.43	22.24	
5	QPSK	12	13	22.14	22.33	22.14	
5	QPSK	25	0	22.18	22.38	22.21	
5	16QAM	1	0	22.33	22.54	22.32	23.5
5	16QAM	1	12	22.24	22.42	22.20	
5	16QAM	1	24	22.19	22.49	22.28	
5	16QAM	12	0	21.45	21.60	21.37	22.5
5	16QAM	12	7	21.33	21.51	21.34	
5	16QAM	12	13	21.26	21.51	21.34	
5	16QAM	25	0	21.32	21.56	21.38	
5	64QAM	1	0	21.14	21.32	21.20	22.5
5	64QAM	1	12	21.10	21.24	21.01	
5	64QAM	1	24	21.13	21.32	21.13	
5	64QAM	12	0	20.34	20.49	20.34	21.5
5	64QAM	12	7	20.20	20.40	20.30	
5	64QAM	12	13	20.20	20.44	20.21	
5	64QAM	25	0	20.27	20.45	20.28	
5	256QAM	1	0	18.33	18.44	18.29	19.5

5	256QAM	1	12	18.22	18.43	18.27	
5	256QAM	1	24	18.29	18.40	18.28	
5	256QAM	12	0	17.53	17.70	17.60	19.5
5	256QAM	12	7	17.51	17.74	17.54	
5	256QAM	12	13	17.54	17.61	17.54	
5	256QAM	25	0	17.57	17.64	17.51	
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	23.11	23.41	23.17	24.5
3	QPSK	1	8	23.02	23.31	23.02	
3	QPSK	1	14	23.12	23.36	23.16	
3	QPSK	8	0	22.23	22.45	22.20	23.5
3	QPSK	8	4	22.15	22.44	22.20	
3	QPSK	8	7	22.09	22.33	22.12	
3	QPSK	15	0	22.13	22.41	22.21	
3	16QAM	1	0	22.33	22.47	22.29	23.5
3	16QAM	1	8	22.16	22.43	22.17	
3	16QAM	1	14	22.28	22.44	22.22	
3	16QAM	8	0	21.38	21.60	21.46	22.5
3	16QAM	8	4	21.35	21.61	21.33	
3	16QAM	8	7	21.33	21.56	21.27	
3	16QAM	15	0	21.37	21.50	21.33	
3	64QAM	1	0	21.10	21.33	21.13	22.5
3	64QAM	1	8	21.05	21.30	21.08	
3	64QAM	1	14	21.08	21.25	21.07	
3	64QAM	8	0	20.30	20.52	20.26	21.5
3	64QAM	8	4	20.29	20.43	20.31	
3	64QAM	8	7	20.24	20.37	20.20	
3	64QAM	15	0	20.23	20.43	20.28	
3	256QAM	1	0	18.33	18.45	18.30	19.5
3	256QAM	1	8	18.20	18.40	18.18	
3	256QAM	1	14	18.22	18.43	18.30	
3	256QAM	8	0	17.58	17.75	17.63	19.5
3	256QAM	8	4	17.57	17.74	17.57	
3	256QAM	8	7	17.55	17.63	17.54	
3	256QAM	15	0	17.54	17.73	17.58	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	23.11	23.36	23.21	24.5
1.4	QPSK	1	3	23.05	23.28	23.11	
1.4	QPSK	1	5	23.09	23.28	23.10	
1.4	QPSK	3	0	22.92	23.26	23.05	
1.4	QPSK	3	1	22.86	23.14	22.91	
1.4	QPSK	3	3	22.90	23.09	23.00	
1.4	QPSK	6	0	22.15	22.34	22.13	23.5
1.4	16QAM	1	0	22.25	22.48	22.32	23.5
1.4	16QAM	1	3	22.16	22.44	22.20	
1.4	16QAM	1	5	22.26	22.39	22.29	
1.4	16QAM	3	0	22.05	22.30	22.14	
1.4	16QAM	3	1	21.97	22.30	22.01	
1.4	16QAM	3	3	22.09	22.27	22.15	
1.4	16QAM	6	0	21.39	21.49	21.31	22.5
1.4	64QAM	1	0	21.19	21.36	21.12	22.5
1.4	64QAM	1	3	21.07	21.20	21.05	
1.4	64QAM	1	5	21.14	21.33	21.06	
1.4	64QAM	3	0	21.09	21.21	21.01	
1.4	64QAM	3	1	20.92	21.09	20.90	
1.4	64QAM	3	3	21.04	21.21	20.91	
1.4	64QAM	6	0	20.21	20.46	20.24	21.5
1.4	256QAM	1	0	18.27	18.44	18.30	19.5
1.4	256QAM	1	3	18.22	18.38	18.19	
1.4	256QAM	1	5	18.31	18.44	18.21	
1.4	256QAM	3	0	17.62	17.71	17.58	

1.4	256QAM	3	1	17.55	17.73	17.50	
1.4	256QAM	3	3	17.52	17.64	17.57	
1.4	256QAM	6	0	17.55	17.66	17.52	19.5

<LTE Band 26_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	23.38	23.52	23.45	24.5
15	QPSK	1	37	23.43	23.42	23.50	
15	QPSK	1	74	23.44	23.40	23.47	
15	QPSK	36	0	22.37	22.45	22.45	23.5
15	QPSK	36	20	22.51	22.52	22.52	
15	QPSK	36	39	22.52	22.53	22.53	
15	QPSK	75	0	22.48	22.51	22.47	
15	16QAM	1	0	22.72	22.73	22.77	23.5
15	16QAM	1	37	22.81	22.78	22.78	
15	16QAM	1	74	22.77	22.72	22.81	
15	16QAM	36	0	21.39	21.46	21.45	22.5
15	16QAM	36	20	21.51	21.57	21.53	
15	16QAM	36	39	21.51	21.55	21.53	
15	16QAM	75	0	21.50	21.53	21.47	
15	64QAM	1	0	21.51	21.70	21.67	22.5
15	64QAM	1	37	21.73	21.71	21.70	
15	64QAM	1	74	21.75	21.72	21.72	
15	64QAM	36	0	20.37	20.45	20.45	21.5
15	64QAM	36	20	20.51	20.56	20.55	
15	64QAM	36	39	20.51	20.56	20.55	
15	64QAM	75	0	20.50	20.56	20.47	
15	256QAM	1	0	18.73	18.99	18.90	19.5
15	256QAM	1	37	18.76	18.93	18.85	
15	256QAM	1	74	18.97	18.96	19.02	
15	256QAM	36	0	18.75	18.78	18.81	19.5
15	256QAM	36	20	18.81	18.82	18.93	
15	256QAM	36	39	18.84	18.88	18.87	
15	256QAM	75	0	18.82	18.75	18.88	
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	23.27	23.21	23.34	24.5
10	QPSK	1	25	23.23	23.30	23.36	
10	QPSK	1	49	23.25	23.30	23.30	
10	QPSK	25	0	22.25	22.28	22.31	23.5
10	QPSK	25	12	22.34	22.42	22.38	
10	QPSK	25	25	22.34	22.39	22.33	
10	QPSK	50	0	22.31	22.35	22.28	
10	16QAM	1	0	22.53	22.58	22.61	23.5
10	16QAM	1	25	22.69	22.60	22.68	
10	16QAM	1	49	22.66	22.53	22.71	
10	16QAM	25	0	21.24	21.34	21.35	22.5
10	16QAM	25	12	21.33	21.42	21.34	
10	16QAM	25	25	21.36	21.35	21.38	
10	16QAM	50	0	21.32	21.36	21.29	
10	64QAM	1	0	21.37	21.54	21.48	22.5
10	64QAM	1	25	21.60	21.51	21.55	
10	64QAM	1	49	21.62	21.62	21.61	
10	64QAM	25	0	20.25	20.28	20.26	21.5
10	64QAM	25	12	20.41	20.40	20.45	
10	64QAM	25	25	20.35	20.36	20.36	
10	64QAM	50	0	20.35	20.39	20.34	
10	256QAM	1	0	18.54	18.87	18.73	19.5

10	256QAM	1	25	18.58	18.79	18.75	
10	256QAM	1	49	18.86	18.79	18.91	
10	256QAM	25	0	18.65	18.68	18.66	19.5
10	256QAM	25	12	18.62	18.68	18.76	
10	256QAM	25	25	18.70	18.69	18.71	
10	256QAM	50	0	18.67	18.56	18.72	
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	23.25	23.25	23.40	24.5
5	QPSK	1	12	23.31	23.32	23.36	
5	QPSK	1	24	23.31	23.26	23.29	
5	QPSK	12	0	22.26	22.31	22.30	23.5
5	QPSK	12	7	22.38	22.34	22.40	
5	QPSK	12	13	22.32	22.38	22.42	
5	QPSK	25	0	22.37	22.36	22.27	
5	16QAM	1	0	22.61	22.58	22.64	23.5
5	16QAM	1	12	22.68	22.60	22.68	
5	16QAM	1	24	22.61	22.57	22.64	
5	16QAM	12	0	21.22	21.27	21.34	22.5
5	16QAM	12	7	21.31	21.47	21.37	
5	16QAM	12	13	21.35	21.44	21.41	
5	16QAM	25	0	21.35	21.38	21.33	
5	64QAM	1	0	21.33	21.51	21.52	22.5
5	64QAM	1	12	21.61	21.52	21.57	
5	64QAM	1	24	21.55	21.54	21.55	
5	64QAM	12	0	20.20	20.32	20.31	21.5
5	64QAM	12	7	20.33	20.36	20.43	
5	64QAM	12	13	20.41	20.44	20.36	
5	64QAM	25	0	20.30	20.43	20.29	
5	256QAM	1	0	18.53	18.80	18.78	19.5
5	256QAM	1	12	18.63	18.73	18.65	
5	256QAM	1	24	18.81	18.76	18.87	
5	256QAM	12	0	18.55	18.63	18.66	19.5
5	256QAM	12	7	18.67	18.72	18.80	
5	256QAM	12	13	18.64	18.75	18.73	
5	256QAM	25	0	18.65	18.55	18.75	
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	23.18	23.21	23.32	24.5
3	QPSK	1	8	23.28	23.32	23.34	
3	QPSK	1	14	23.25	23.30	23.27	
3	QPSK	8	0	22.18	22.30	22.28	23.5
3	QPSK	8	4	22.38	22.40	22.34	
3	QPSK	8	7	22.38	22.43	22.38	
3	QPSK	15	0	22.36	22.36	22.35	
3	16QAM	1	0	22.60	22.56	22.66	23.5
3	16QAM	1	8	22.71	22.59	22.62	
3	16QAM	1	14	22.61	22.57	22.69	
3	16QAM	8	0	21.22	21.34	21.30	22.5
3	16QAM	8	4	21.36	21.38	21.41	
3	16QAM	8	7	21.36	21.44	21.40	
3	16QAM	15	0	21.33	21.36	21.37	
3	64QAM	1	0	21.37	21.55	21.51	22.5
3	64QAM	1	8	21.56	21.57	21.50	
3	64QAM	1	14	21.63	21.56	21.59	
3	64QAM	8	0	20.22	20.35	20.32	21.5
3	64QAM	8	4	20.39	20.41	20.39	
3	64QAM	8	7	20.39	20.41	20.39	
3	64QAM	15	0	20.32	20.41	20.34	
3	256QAM	1	0	18.60	18.88	18.71	19.5
3	256QAM	1	8	18.64	18.80	18.72	
3	256QAM	1	14	18.79	18.80	18.92	
3	256QAM	8	0	18.65	18.67	18.64	19.5

3	256QAM	8	4	18.67	18.70	18.79	
3	256QAM	8	7	18.71	18.78	18.69	
3	256QAM	15	0	18.70	18.65	18.75	
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	23.19	23.40	23.30	24.5
1.4	QPSK	1	3	23.32	23.22	23.40	
1.4	QPSK	1	5	23.28	23.29	23.30	
1.4	QPSK	3	0	22.58	22.61	22.62	
1.4	QPSK	3	1	22.62	22.66	22.66	
1.4	QPSK	3	3	22.65	22.67	22.67	
1.4	QPSK	6	0	22.36	22.40	22.36	23.5
1.4	16QAM	1	0	22.56	22.62	22.66	23.5
1.4	16QAM	1	3	22.61	22.64	22.64	
1.4	16QAM	1	5	22.66	22.60	22.69	
1.4	16QAM	3	0	21.57	21.56	21.60	
1.4	16QAM	3	1	21.62	21.75	21.67	
1.4	16QAM	3	3	21.63	21.73	21.69	
1.4	16QAM	6	0	21.39	21.42	21.32	22.5
1.4	64QAM	1	0	21.31	21.57	21.49	22.5
1.4	64QAM	1	3	21.54	21.56	21.54	
1.4	64QAM	1	5	21.56	21.56	21.53	
1.4	64QAM	3	0	20.50	20.55	20.61	
1.4	64QAM	3	1	20.69	20.75	20.65	
1.4	64QAM	3	3	20.62	20.68	20.69	
1.4	64QAM	6	0	20.38	20.41	20.35	21.5
1.4	256QAM	1	0	18.53	18.79	18.74	19.5
1.4	256QAM	1	3	18.57	18.73	18.65	
1.4	256QAM	1	5	18.80	18.77	18.90	
1.4	256QAM	3	0	18.63	18.65	18.61	
1.4	256QAM	3	1	18.70	18.65	18.79	
1.4	256QAM	3	3	18.69	18.73	18.72	
1.4	256QAM	6	0	18.69	18.57	18.78	19.5

<LTE Band 30_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		22.02		23
10	QPSK	1	25		21.96		
10	QPSK	1	49		21.90		
10	QPSK	25	0		20.98		22
10	QPSK	25	12		20.97		
10	QPSK	25	25		20.93		
10	QPSK	50	0		20.91		
10	16QAM	1	0		21.27		22
10	16QAM	1	25		21.23		
10	16QAM	1	49		21.21		
10	16QAM	25	0		20.01		21
10	16QAM	25	12		20.02		
10	16QAM	25	25		19.93		
10	16QAM	50	0		19.95		
10	64QAM	1	0		20.19		21
10	64QAM	1	25		20.25		
10	64QAM	1	49		20.08		
10	64QAM	25	0		18.98		20
10	64QAM	25	12		19.02		
10	64QAM	25	25		18.95		
10	64QAM	50	0		18.98		
10	256QAM	1	0		16.90		18
10	256QAM	1	25		16.89		
10	256QAM	1	49		16.69		
10	256QAM	25	0		16.79		18
10	256QAM	25	12		16.76		
10	256QAM	25	25		16.71		
10	256QAM	50	0		16.79		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	21.99	21.99	22.01	23
5	QPSK	1	12	21.99	22.01	22.01	
5	QPSK	1	24	21.97	21.92	21.97	
5	QPSK	12	0	21.08	20.95	21.01	22
5	QPSK	12	7	21.05	20.98	21.05	
5	QPSK	12	13	20.99	20.94	20.97	
5	QPSK	25	0	21.01	20.94	20.99	
5	16QAM	1	0	21.43	21.36	21.44	22
5	16QAM	1	12	21.41	21.40	21.37	
5	16QAM	1	24	21.39	21.39	21.41	
5	16QAM	12	0	20.08	20.04	20.11	21
5	16QAM	12	7	20.12	20.02	20.11	
5	16QAM	12	13	20.07	19.95	20.07	
5	16QAM	25	0	20.04	19.97	20.05	
5	64QAM	1	0	20.19	20.28	20.23	21
5	64QAM	1	12	20.27	20.30	20.25	
5	64QAM	1	24	20.24	20.27	20.31	
5	64QAM	12	0	19.10	19.02	19.06	20
5	64QAM	12	7	19.12	19.04	19.11	
5	64QAM	12	13	19.04	19.00	19.05	
5	64QAM	25	0	19.06	18.96	19.04	
5	256QAM	1	0	16.82	16.85	16.81	18
5	256QAM	1	12	16.74	16.72	16.76	
5	256QAM	1	24	16.59	16.49	16.55	
5	256QAM	12	0	16.64	16.63	16.62	18

5	256QAM	12	7	16.65	16.65	16.57	
5	256QAM	12	13	16.55	16.61	16.53	
5	256QAM	25	0	16.63	16.64	16.66	

<LTE Band 30_Ant MIMO2_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				27710			
Frequency (MHz)				2310			
10	QPSK	1	0		22.21		23
10	QPSK	1	25		22.16		
10	QPSK	1	49		22.13		
10	QPSK	25	0		21.38		22
10	QPSK	25	12		21.35		
10	QPSK	25	25		21.30		
10	QPSK	50	0		21.33		
10	16QAM	1	0		21.80		22
10	16QAM	1	25		21.75		
10	16QAM	1	49		21.72		
10	16QAM	25	0		20.99		21
10	16QAM	25	12		20.96		
10	16QAM	25	25		20.91		
10	16QAM	50	0		20.94		
10	64QAM	1	0		20.48		21
10	64QAM	1	25		20.43		
10	64QAM	1	49		20.41		
10	64QAM	25	0		19.71		20
10	64QAM	25	12		19.69		
10	64QAM	25	25		19.64		
10	64QAM	50	0		19.67		
10	256QAM	1	0		17.20		18
10	256QAM	1	25		17.16		
10	256QAM	1	49		17.14		
10	256QAM	25	0		16.56		18
10	256QAM	25	12		16.53		
10	256QAM	25	25		16.50		
10	256QAM	50	0		16.52		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	22.05	22.08	22.02	23
5	QPSK	1	12	22.00	22.05	21.97	
5	QPSK	1	24	22.03	22.03	22.01	
5	QPSK	12	0	21.21	21.19	21.18	22
5	QPSK	12	7	21.18	21.24	21.21	
5	QPSK	12	13	21.10	21.20	21.20	
5	QPSK	25	0	21.13	21.15	21.16	
5	16QAM	1	0	21.65	21.67	21.69	22
5	16QAM	1	12	21.61	21.55	21.64	
5	16QAM	1	24	21.56	21.58	21.56	
5	16QAM	12	0	20.81	20.88	20.79	21
5	16QAM	12	7	20.82	20.77	20.84	
5	16QAM	12	13	20.75	20.77	20.77	
5	16QAM	25	0	20.80	20.82	20.75	
5	64QAM	1	0	20.38	20.32	20.38	21
5	64QAM	1	12	20.24	20.30	20.33	
5	64QAM	1	24	20.21	20.24	20.29	
5	64QAM	12	0	19.53	19.56	19.54	20
5	64QAM	12	7	19.52	19.52	19.51	
5	64QAM	12	13	19.49	19.48	19.48	
5	64QAM	25	0	19.52	19.52	19.57	
5	256QAM	1	0	17.02	17.01	17.04	18

5	256QAM	1	12	17.04	17.04	17.03	
5	256QAM	1	24	16.96	17.01	16.96	
5	256QAM	12	0	16.40	16.41	16.42	18
5	256QAM	12	7	16.38	16.35	16.42	
5	256QAM	12	13	16.35	16.32	16.32	
5	256QAM	25	0	16.37	16.40	16.37	

<LTE Band 66_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.42	23.44	23.42	24.5
20	QPSK	1	49	23.42	23.36	23.40	
20	QPSK	1	99	23.22	23.24	23.27	
20	QPSK	50	0	22.40	22.43	22.42	23.5
20	QPSK	50	24	22.38	22.39	22.42	
20	QPSK	50	50	22.43	22.40	22.38	
20	QPSK	100	0	22.44	22.45	22.42	
20	16QAM	1	0	22.69	22.70	22.75	23.5
20	16QAM	1	49	22.73	22.68	22.71	
20	16QAM	1	99	22.56	22.52	22.61	
20	16QAM	50	0	21.45	21.41	21.44	22.5
20	16QAM	50	24	21.49	21.37	21.51	
20	16QAM	50	50	21.42	21.41	21.45	
20	16QAM	100	0	21.43	21.47	21.49	
20	64QAM	1	0	21.60	21.62	21.67	22.5
20	64QAM	1	49	21.70	21.61	21.58	
20	64QAM	1	99	21.47	21.46	21.55	
20	64QAM	50	0	20.39	20.40	20.43	21.5
20	64QAM	50	24	20.46	20.39	20.50	
20	64QAM	50	50	20.40	20.40	20.41	
20	64QAM	100	0	20.46	20.45	20.45	
20	256QAM	1	0	18.65	18.68	18.66	19.5
20	256QAM	1	49	18.48	18.36	18.44	
20	256QAM	1	99	18.39	18.35	18.35	
20	256QAM	50	0	18.30	18.24	18.33	19.5
20	256QAM	50	24	18.35	18.32	18.36	
20	256QAM	50	50	18.41	18.38	18.39	
20	256QAM	100	0	18.34	18.31	18.34	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.31	23.33	23.25	24.5
15	QPSK	1	37	23.27	23.25	23.25	
15	QPSK	1	74	23.10	23.08	23.12	
15	QPSK	36	0	22.29	22.29	22.24	23.5
15	QPSK	36	20	22.22	22.19	22.31	
15	QPSK	36	39	22.26	22.28	22.28	
15	QPSK	75	0	22.28	22.32	22.22	
15	16QAM	1	0	22.51	22.54	22.58	23.5
15	16QAM	1	37	22.59	22.54	22.54	
15	16QAM	1	74	22.46	22.36	22.44	
15	16QAM	36	0	21.28	21.29	21.24	22.5
15	16QAM	36	20	21.32	21.24	21.34	
15	16QAM	36	39	21.24	21.22	21.28	
15	16QAM	75	0	21.27	21.31	21.29	
15	64QAM	1	0	21.45	21.52	21.53	22.5
15	64QAM	1	37	21.51	21.44	21.46	
15	64QAM	1	74	21.28	21.35	21.36	
15	64QAM	36	0	20.29	20.29	20.25	21.5
15	64QAM	36	20	20.31	20.26	20.38	

15	64QAM	36	39	20.28	20.27	20.29	
15	64QAM	75	0	20.31	20.33	20.27	
15	256QAM	1	0	18.52	18.54	18.55	19.5
15	256QAM	1	37	18.30	18.25	18.30	
15	256QAM	1	74	18.24	18.17	18.24	
15	256QAM	36	0	18.17	18.08	18.15	19.5
15	256QAM	36	20	18.25	18.12	18.25	
15	256QAM	36	39	18.30	18.26	18.20	
15	256QAM	75	0	18.16	18.17	18.23	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.22	23.27	23.32	24.5
10	QPSK	1	25	23.25	23.24	23.26	
10	QPSK	1	49	23.02	23.10	23.14	
10	QPSK	25	0	22.21	22.30	22.28	23.5
10	QPSK	25	12	22.22	22.19	22.25	
10	QPSK	25	25	22.32	22.20	22.23	
10	QPSK	50	0	22.29	22.30	22.23	
10	16QAM	1	0	22.52	22.53	22.65	23.5
10	16QAM	1	25	22.53	22.55	22.61	
10	16QAM	1	49	22.46	22.34	22.42	
10	16QAM	25	0	21.28	21.27	21.25	22.5
10	16QAM	25	12	21.30	21.21	21.31	
10	16QAM	25	25	21.28	21.31	21.26	
10	16QAM	50	0	21.33	21.34	21.39	
10	64QAM	1	0	21.45	21.42	21.53	22.5
10	64QAM	1	25	21.53	21.51	21.38	
10	64QAM	1	49	21.30	21.33	21.37	
10	64QAM	25	0	20.19	20.22	20.23	21.5
10	64QAM	25	12	20.35	20.25	20.30	
10	64QAM	25	25	20.20	20.29	20.23	
10	64QAM	50	0	20.29	20.33	20.33	
10	256QAM	1	0	18.47	18.53	18.50	19.5
10	256QAM	1	25	18.32	18.19	18.25	
10	256QAM	1	49	18.20	18.15	18.24	
10	256QAM	25	0	18.12	18.07	18.23	19.5
10	256QAM	25	12	18.22	18.15	18.20	
10	256QAM	25	25	18.24	18.26	18.27	
10	256QAM	50	0	18.23	18.15	18.21	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.31	23.26	23.30	24.5
5	QPSK	1	12	23.27	23.22	23.25	
5	QPSK	1	24	23.07	23.08	23.15	
5	QPSK	12	0	22.26	22.32	22.28	23.5
5	QPSK	12	7	22.18	22.25	22.31	
5	QPSK	12	13	22.24	22.30	22.22	
5	QPSK	25	0	22.26	22.32	22.32	
5	16QAM	1	0	22.50	22.59	22.60	23.5
5	16QAM	1	12	22.57	22.56	22.52	
5	16QAM	1	24	22.36	22.38	22.46	
5	16QAM	12	0	21.32	21.24	21.31	22.5
5	16QAM	12	7	21.36	21.19	21.35	
5	16QAM	12	13	21.27	21.30	21.34	
5	16QAM	25	0	21.31	21.30	21.37	
5	64QAM	1	0	21.50	21.45	21.57	22.5
5	64QAM	1	12	21.58	21.50	21.43	
5	64QAM	1	24	21.35	21.30	21.43	
5	64QAM	12	0	20.20	20.30	20.29	21.5
5	64QAM	12	7	20.32	20.23	20.34	
5	64QAM	12	13	20.25	20.24	20.31	
5	64QAM	25	0	20.34	20.32	20.28	
5	256QAM	1	0	18.54	18.54	18.53	19.5

5	256QAM	1	12	18.38	18.26	18.34	
5	256QAM	1	24	18.25	18.20	18.18	
5	256QAM	12	0	18.15	18.09	18.14	19.5
5	256QAM	12	7	18.18	18.13	18.16	
5	256QAM	12	13	18.21	18.22	18.26	
5	256QAM	25	0	18.21	18.11	18.20	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.23	23.34	23.24	24.5
3	QPSK	1	8	23.23	23.20	23.29	
3	QPSK	1	14	23.10	23.10	23.08	
3	QPSK	8	0	22.26	22.23	22.23	23.5
3	QPSK	8	4	22.24	22.25	22.24	
3	QPSK	8	7	22.29	22.27	22.25	
3	QPSK	15	0	22.32	22.28	22.28	
3	16QAM	1	0	22.51	22.53	22.64	23.5
3	16QAM	1	8	22.57	22.49	22.52	
3	16QAM	1	14	22.41	22.42	22.45	
3	16QAM	8	0	21.33	21.31	21.32	22.5
3	16QAM	8	4	21.39	21.17	21.36	
3	16QAM	8	7	21.26	21.25	21.31	
3	16QAM	15	0	21.31	21.32	21.37	
3	64QAM	1	0	21.43	21.50	21.51	22.5
3	64QAM	1	8	21.51	21.50	21.42	
3	64QAM	1	14	21.34	21.31	21.44	
3	64QAM	8	0	20.29	20.24	20.29	21.5
3	64QAM	8	4	20.30	20.21	20.38	
3	64QAM	8	7	20.25	20.22	20.28	
3	64QAM	15	0	20.26	20.26	20.26	
3	256QAM	1	0	18.45	18.51	18.50	19.5
3	256QAM	1	8	18.33	18.26	18.34	
3	256QAM	1	14	18.20	18.23	18.22	
3	256QAM	8	0	18.12	18.07	18.22	19.5
3	256QAM	8	4	18.18	18.15	18.18	
3	256QAM	8	7	18.25	18.20	18.26	
3	256QAM	15	0	18.18	18.16	18.24	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.39	23.41	23.38	24.5
1.4	QPSK	1	3	23.39	23.34	23.37	
1.4	QPSK	1	5	23.19	23.20	23.23	
1.4	QPSK	3	0	22.52	22.54	22.53	
1.4	QPSK	3	1	22.51	22.52	22.53	
1.4	QPSK	3	3	22.56	22.53	22.51	
1.4	QPSK	6	0	22.42	22.41	22.39	23.5
1.4	16QAM	1	0	22.65	22.68	22.72	23.5
1.4	16QAM	1	3	22.69	22.66	22.67	
1.4	16QAM	1	5	22.54	22.50	22.58	
1.4	16QAM	3	0	21.58	21.53	21.55	
1.4	16QAM	3	1	21.61	21.48	21.63	
1.4	16QAM	3	3	21.55	21.54	21.57	
1.4	16QAM	6	0	21.40	21.43	21.47	22.5
1.4	64QAM	1	0	21.57	21.60	21.63	22.5
1.4	64QAM	1	3	21.68	21.58	21.55	
1.4	64QAM	1	5	21.44	21.44	21.51	
1.4	64QAM	3	0	20.50	20.52	20.56	
1.4	64QAM	3	1	20.59	20.51	20.61	
1.4	64QAM	3	3	20.53	20.53	20.53	
1.4	64QAM	6	0	20.43	20.41	20.41	21.5
1.4	256QAM	1	0	18.63	18.66	18.64	19.5
1.4	256QAM	1	3	18.46	18.32	18.41	
1.4	256QAM	1	5	18.36	18.31	18.33	
1.4	256QAM	3	0	18.27	18.20	18.31	

1.4	256QAM	3	1	18.31	18.29	18.33	
1.4	256QAM	3	3	18.39	18.35	18.36	
1.4	256QAM	6	0	18.32	18.28	18.32	19.5

<LTE Band 66_Ant MIMO2_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.79	24.00	23.75	24.5
20	QPSK	1	49	23.61	23.82	23.57	
20	QPSK	1	99	23.46	23.67	23.42	
20	QPSK	50	0	22.80	23.00	22.76	23.5
20	QPSK	50	24	22.79	22.99	22.75	
20	QPSK	50	50	22.78	22.98	22.74	
20	QPSK	100	0	22.83	23.03	22.79	
20	16QAM	1	0	23.06	23.26	23.02	23.5
20	16QAM	1	49	22.89	23.09	22.85	
20	16QAM	1	99	22.74	22.94	22.70	
20	16QAM	50	0	22.09	22.29	22.06	22.5
20	16QAM	50	24	22.09	22.28	22.05	
20	16QAM	50	50	22.08	22.27	22.04	
20	16QAM	100	0	22.12	22.32	22.09	
20	64QAM	1	0	21.77	21.96	21.73	22.5
20	64QAM	1	49	21.61	21.80	21.57	
20	64QAM	1	99	21.47	21.66	21.43	
20	64QAM	50	0	20.86	21.04	20.82	21.5
20	64QAM	50	24	20.86	21.04	20.82	
20	64QAM	50	50	20.85	21.03	20.81	
20	64QAM	100	0	20.89	21.07	20.85	
20	256QAM	1	0	18.77	18.94	18.74	19.5
20	256QAM	1	49	18.64	18.80	18.60	
20	256QAM	1	99	18.52	18.68	18.49	
20	256QAM	50	0	17.99	18.15	17.96	19.5
20	256QAM	50	24	17.98	18.14	17.95	
20	256QAM	50	50	17.98	18.14	17.95	
20	256QAM	100	0	18.01	18.17	17.98	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.61	23.82	23.55	24.5
15	QPSK	1	37	23.48	23.62	23.41	
15	QPSK	1	74	23.36	23.51	23.25	
15	QPSK	36	0	22.60	22.83	22.65	23.5
15	QPSK	36	20	22.67	22.89	22.64	
15	QPSK	36	39	22.58	22.80	22.62	
15	QPSK	75	0	22.63	22.85	22.64	
15	16QAM	1	0	22.91	23.06	22.86	23.5
15	16QAM	1	37	22.73	22.98	22.69	
15	16QAM	1	74	22.56	22.77	22.57	
15	16QAM	36	0	21.96	22.09	21.86	22.5
15	16QAM	36	20	21.92	22.15	21.92	
15	16QAM	36	39	21.90	22.13	21.89	
15	16QAM	75	0	22.01	22.18	21.92	
15	64QAM	1	0	21.60	21.84	21.57	22.5
15	64QAM	1	37	21.46	21.69	21.47	
15	64QAM	1	74	21.33	21.50	21.24	
15	64QAM	36	0	20.66	20.85	20.62	21.5
15	64QAM	36	20	20.68	20.90	20.63	
15	64QAM	36	39	20.71	20.93	20.66	
15	64QAM	75	0	20.75	20.96	20.72	
15	256QAM	1	0	18.63	18.79	18.54	19.5

15	256QAM	1	37	18.49	18.62	18.43	
15	256QAM	1	74	18.39	18.51	18.34	
15	256QAM	36	0	17.82	18.05	17.77	19.5
15	256QAM	36	20	17.79	18.00	17.75	
15	256QAM	36	39	17.83	18.04	17.77	
15	256QAM	75	0	17.88	17.97	17.87	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.62	23.83	23.56	24.5
10	QPSK	1	25	23.49	23.64	23.47	
10	QPSK	1	49	23.26	23.53	23.26	
10	QPSK	25	0	22.62	22.87	22.57	23.5
10	QPSK	25	12	22.60	22.88	22.61	
10	QPSK	25	25	22.64	22.88	22.59	
10	QPSK	50	0	22.68	22.93	22.64	
10	16QAM	1	0	22.92	23.13	22.82	23.5
10	16QAM	1	25	22.72	22.89	22.74	
10	16QAM	1	49	22.62	22.81	22.53	
10	16QAM	25	0	21.92	22.11	21.90	22.5
10	16QAM	25	12	21.97	22.10	21.95	
10	16QAM	25	25	21.97	22.17	21.93	
10	16QAM	50	0	22.00	22.12	21.99	
10	64QAM	1	0	21.66	21.81	21.56	22.5
10	64QAM	1	25	21.50	21.66	21.41	
10	64QAM	1	49	21.31	21.51	21.29	
10	64QAM	25	0	20.67	20.91	20.71	21.5
10	64QAM	25	12	20.71	20.91	20.64	
10	64QAM	25	25	20.73	20.83	20.68	
10	64QAM	50	0	20.70	20.89	20.71	
10	256QAM	1	0	18.57	18.83	18.62	19.5
10	256QAM	1	25	18.49	18.64	18.42	
10	256QAM	1	49	18.38	18.58	18.37	
10	256QAM	25	0	17.86	18.05	17.82	19.5
10	256QAM	25	12	17.86	17.99	17.81	
10	256QAM	25	25	17.83	17.99	17.83	
10	256QAM	50	0	17.87	18.02	17.84	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.68	23.81	23.61	24.5
5	QPSK	1	12	23.44	23.66	23.41	
5	QPSK	1	24	23.33	23.56	23.31	
5	QPSK	12	0	22.69	22.89	22.62	23.5
5	QPSK	12	7	22.66	22.89	22.61	
5	QPSK	12	13	22.66	22.82	22.64	
5	QPSK	25	0	22.65	22.93	22.68	
5	16QAM	1	0	22.93	23.09	22.88	23.5
5	16QAM	1	12	22.77	22.96	22.72	
5	16QAM	1	24	22.57	22.76	22.58	
5	16QAM	12	0	21.93	22.12	21.91	22.5
5	16QAM	12	7	21.98	22.16	21.88	
5	16QAM	12	13	21.88	22.17	21.88	
5	16QAM	25	0	21.95	22.14	21.91	
5	64QAM	1	0	21.64	21.82	21.54	22.5
5	64QAM	1	12	21.49	21.62	21.42	
5	64QAM	1	24	21.27	21.46	21.30	
5	64QAM	12	0	20.71	20.84	20.63	21.5
5	64QAM	12	7	20.74	20.87	20.67	
5	64QAM	12	13	20.73	20.87	20.69	
5	64QAM	25	0	20.78	20.96	20.67	
5	256QAM	1	0	18.64	18.82	18.59	19.5
5	256QAM	1	12	18.53	18.66	18.45	
5	256QAM	1	24	18.42	18.50	18.31	
5	256QAM	12	0	17.80	17.95	17.85	19.5

5	256QAM	12	7	17.78	18.04	17.76	
5	256QAM	12	13	17.86	18.02	17.83	
5	256QAM	25	0	17.81	17.99	17.86	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.64	23.88	23.65	24.5
3	QPSK	1	8	23.43	23.62	23.44	
3	QPSK	1	14	23.31	23.54	23.32	
3	QPSK	8	0	22.64	22.82	22.66	23.5
3	QPSK	8	4	22.61	22.82	22.62	
3	QPSK	8	7	22.60	22.85	22.64	
3	QPSK	15	0	22.64	22.90	22.64	
3	16QAM	1	0	22.87	23.14	22.91	23.5
3	16QAM	1	8	22.71	22.94	22.74	
3	16QAM	1	14	22.61	22.74	22.54	
3	16QAM	8	0	21.95	22.14	21.88	22.5
3	16QAM	8	4	21.98	22.16	21.87	
3	16QAM	8	7	21.91	22.10	21.85	
3	16QAM	15	0	22.01	22.22	21.90	
3	64QAM	1	0	21.57	21.78	21.56	22.5
3	64QAM	1	8	21.51	21.69	21.47	
3	64QAM	1	14	21.30	21.47	21.31	
3	64QAM	8	0	20.69	20.88	20.66	21.5
3	64QAM	8	4	20.67	20.89	20.65	
3	64QAM	8	7	20.71	20.87	20.69	
3	64QAM	15	0	20.75	20.87	20.75	
3	256QAM	1	0	18.59	18.77	18.59	19.5
3	256QAM	1	8	18.52	18.63	18.49	
3	256QAM	1	14	18.37	18.50	18.38	
3	256QAM	8	0	17.81	18.01	17.85	19.5
3	256QAM	8	4	17.81	17.97	17.85	
3	256QAM	8	7	17.80	18.02	17.79	
3	256QAM	15	0	17.83	18.01	17.80	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.63	23.83	23.62	24.5
1.4	QPSK	1	3	23.41	23.67	23.40	
1.4	QPSK	1	5	23.32	23.49	23.24	
1.4	QPSK	3	0	22.61	22.88	22.66	
1.4	QPSK	3	1	22.59	22.85	22.55	
1.4	QPSK	3	3	22.66	22.86	22.54	
1.4	QPSK	6	0	22.72	22.88	22.66	23.5
1.4	16QAM	1	0	22.95	23.08	22.86	23.5
1.4	16QAM	1	3	22.78	22.90	22.66	
1.4	16QAM	1	5	22.63	22.80	22.58	
1.4	16QAM	3	0	21.99	22.15	21.93	
1.4	16QAM	3	1	21.90	22.14	21.86	
1.4	16QAM	3	3	21.98	22.15	21.85	
1.4	16QAM	6	0	21.99	22.14	21.89	22.5
1.4	64QAM	1	0	21.57	21.77	21.62	22.5
1.4	64QAM	1	3	21.49	21.67	21.45	
1.4	64QAM	1	5	21.27	21.46	21.23	
1.4	64QAM	3	0	20.66	20.85	20.72	
1.4	64QAM	3	1	20.76	20.90	20.67	
1.4	64QAM	3	3	20.70	20.91	20.65	
1.4	64QAM	6	0	20.78	20.89	20.68	21.5
1.4	256QAM	1	0	18.62	18.80	18.61	19.5
1.4	256QAM	1	3	18.49	18.66	18.46	
1.4	256QAM	1	5	18.37	18.58	18.29	
1.4	256QAM	3	0	17.83	18.01	17.81	
1.4	256QAM	3	1	17.82	17.95	17.77	
1.4	256QAM	3	3	17.80	18.03	17.80	
1.4	256QAM	6	0	17.86	18.04	17.88	19.5

<LTE Band 71_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	23.12	23.30	22.96	24.5
20	QPSK	1	49	23.10	23.19	23.12	
20	QPSK	1	99	23.16	23.13	23.23	
20	QPSK	50	0	22.23	22.36	22.15	23.5
20	QPSK	50	24	22.25	22.26	22.24	
20	QPSK	50	50	22.30	22.21	22.32	
20	QPSK	100	0	22.22	22.32	22.27	
20	16QAM	1	0	22.49	22.53	22.36	23.5
20	16QAM	1	49	22.39	22.46	22.39	
20	16QAM	1	99	22.44	22.46	22.52	
20	16QAM	50	0	21.26	21.37	21.16	22.5
20	16QAM	50	24	21.25	21.28	21.25	
20	16QAM	50	50	21.31	21.21	21.37	
20	16QAM	100	0	21.24	21.35	21.28	
20	64QAM	1	0	21.40	21.49	21.26	22.5
20	64QAM	1	49	21.37	21.52	21.41	
20	64QAM	1	99	21.44	21.34	21.47	
20	64QAM	50	0	20.24	20.38	20.15	21.5
20	64QAM	50	24	20.24	20.29	20.22	
20	64QAM	50	50	20.27	20.18	20.32	
20	64QAM	100	0	20.23	20.37	20.29	
20	256QAM	1	0	18.75	18.80	18.77	19.5
20	256QAM	1	49	18.65	18.49	18.52	
20	256QAM	1	99	18.51	18.58	18.64	
20	256QAM	50	0	18.66	18.56	18.52	19.5
20	256QAM	50	24	18.54	18.49	18.50	
20	256QAM	50	50	18.45	18.45	18.56	
20	256QAM	100	0	18.63	18.55	18.55	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	22.99	23.19	22.86	24.5
15	QPSK	1	37	22.92	23.08	23.01	
15	QPSK	1	74	22.97	22.93	23.12	
15	QPSK	36	0	22.07	22.19	21.97	23.5
15	QPSK	36	20	22.11	22.10	22.08	
15	QPSK	36	39	22.18	22.03	22.19	
15	QPSK	75	0	22.09	22.12	22.09	
15	16QAM	1	0	22.37	22.39	22.22	23.5
15	16QAM	1	37	22.25	22.35	22.24	
15	16QAM	1	74	22.32	22.27	22.38	
15	16QAM	36	0	21.12	21.22	21.02	22.5
15	16QAM	36	20	21.10	21.08	21.15	
15	16QAM	36	39	21.13	21.02	21.25	
15	16QAM	75	0	21.11	21.17	21.08	
15	64QAM	1	0	21.22	21.36	21.13	22.5
15	64QAM	1	37	21.25	21.36	21.25	
15	64QAM	1	74	21.26	21.20	21.33	
15	64QAM	36	0	20.04	20.24	19.97	21.5
15	64QAM	36	20	20.07	20.10	20.08	
15	64QAM	36	39	20.15	19.99	20.12	
15	64QAM	75	0	20.05	20.19	20.15	
15	256QAM	1	0	18.65	18.70	18.57	19.5
15	256QAM	1	37	18.48	18.32	18.42	
15	256QAM	1	74	18.32	18.47	18.52	
15	256QAM	36	0	18.46	18.43	18.40	19.5

15	256QAM	36	20	18.34	18.30	18.34	
15	256QAM	36	39	18.31	18.28	18.41	
15	256QAM	75	0	18.47	18.39	18.44	
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	22.98	23.16	22.79	24.5
10	QPSK	1	25	22.93	23.04	22.98	
10	QPSK	1	49	23.04	22.93	23.07	
10	QPSK	25	0	22.09	22.24	22.05	23.5
10	QPSK	25	12	22.09	22.06	22.06	
10	QPSK	25	25	22.11	22.10	22.20	
10	QPSK	50	0	22.03	22.14	22.15	
10	16QAM	1	0	22.35	22.34	22.17	23.5
10	16QAM	1	25	22.29	22.26	22.29	
10	16QAM	1	49	22.31	22.28	22.40	
10	16QAM	25	0	21.07	21.23	20.99	22.5
10	16QAM	25	12	21.05	21.17	21.10	
10	16QAM	25	25	21.15	21.02	21.26	
10	16QAM	50	0	21.12	21.18	21.17	
10	64QAM	1	0	21.22	21.34	21.16	22.5
10	64QAM	1	25	21.17	21.35	21.25	
10	64QAM	1	49	21.29	21.16	21.27	
10	64QAM	25	0	20.06	20.21	20.04	21.5
10	64QAM	25	12	20.13	20.13	20.07	
10	64QAM	25	25	20.08	20.05	20.14	
10	64QAM	50	0	20.10	20.22	20.14	
10	256QAM	1	0	18.64	18.67	18.63	19.5
10	256QAM	1	25	18.47	18.39	18.36	
10	256QAM	1	49	18.38	18.44	18.49	
10	256QAM	25	0	18.55	18.39	18.38	19.5
10	256QAM	25	12	18.38	18.33	18.36	
10	256QAM	25	25	18.26	18.27	18.42	
10	256QAM	50	0	18.48	18.42	18.43	
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	22.95	23.13	22.79	24.5
5	QPSK	1	12	22.95	23.02	22.95	
5	QPSK	1	24	22.98	22.93	23.11	
5	QPSK	12	0	22.07	22.24	21.99	23.5
5	QPSK	12	7	22.06	22.08	22.07	
5	QPSK	12	13	22.20	22.08	22.20	
5	QPSK	25	0	22.04	22.20	22.16	
5	16QAM	1	0	22.38	22.39	22.16	23.5
5	16QAM	1	12	22.19	22.29	22.28	
5	16QAM	1	24	22.31	22.30	22.34	
5	16QAM	12	0	21.07	21.20	21.05	22.5
5	16QAM	12	7	21.15	21.11	21.06	
5	16QAM	12	13	21.14	21.03	21.22	
5	16QAM	25	0	21.04	21.24	21.17	
5	64QAM	1	0	21.29	21.34	21.12	22.5
5	64QAM	1	12	21.27	21.41	21.23	
5	64QAM	1	24	21.33	21.22	21.37	
5	64QAM	12	0	20.06	20.26	19.98	21.5
5	64QAM	12	7	20.10	20.09	20.06	
5	64QAM	12	13	20.13	20.01	20.12	
5	64QAM	25	0	20.09	20.27	20.14	
5	256QAM	1	0	18.60	18.68	18.63	19.5
5	256QAM	1	12	18.54	18.30	18.42	
5	256QAM	1	24	18.35	18.40	18.44	
5	256QAM	12	0	18.56	18.42	18.42	19.5
5	256QAM	12	7	18.42	18.29	18.40	
5	256QAM	12	13	18.27	18.28	18.43	
5	256QAM	25	0	18.49	18.39	18.43	

<LTE Band 38_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.21	23.31	23.04	24.5
20	QPSK	1	49	23.18	23.28	22.94	
20	QPSK	1	99	23.05	23.30	22.81	
20	QPSK	50	0	22.21	22.31	21.99	23.5
20	QPSK	50	24	22.13	22.33	22.00	
20	QPSK	50	50	22.04	22.19	22.02	
20	QPSK	100	0	22.08	22.27	21.96	
20	16QAM	1	0	22.29	22.26	22.01	23.5
20	16QAM	1	49	22.18	22.30	22.06	
20	16QAM	1	99	22.02	22.27	21.84	
20	16QAM	50	0	21.27	21.35	21.02	22.5
20	16QAM	50	24	21.17	21.34	21.00	
20	16QAM	50	50	21.10	21.23	20.85	
20	16QAM	100	0	21.13	21.29	20.98	
20	64QAM	1	0	21.21	21.28	20.98	22.5
20	64QAM	1	49	21.13	21.22	20.99	
20	64QAM	1	99	21.02	21.23	20.79	
20	64QAM	50	0	20.23	20.38	20.04	21.5
20	64QAM	50	24	20.16	20.36	20.04	
20	64QAM	50	50	20.09	20.25	20.02	
20	64QAM	100	0	20.13	20.33	19.98	
20	256QAM	1	0	18.28	18.15	18.03	19.5
20	256QAM	1	49	18.22	18.07	17.82	
20	256QAM	1	99	17.88	17.80	17.58	
20	256QAM	50	0	18.30	18.21	18.04	19.5
20	256QAM	50	24	18.30	18.10	17.95	
20	256QAM	50	50	18.11	17.97	17.74	
20	256QAM	100	0	18.23	18.03	17.89	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.02	23.18	22.94	24.5
15	QPSK	1	37	23.03	23.13	22.83	
15	QPSK	1	74	22.93	23.11	22.65	
15	QPSK	36	0	22.03	22.21	21.84	23.5
15	QPSK	36	20	21.95	22.17	21.88	
15	QPSK	36	39	21.84	22.02	21.85	
15	QPSK	75	0	21.90	22.10	21.79	
15	16QAM	1	0	22.19	22.11	21.81	23.5
15	16QAM	1	37	22.08	22.20	21.95	
15	16QAM	1	74	21.82	22.15	21.68	
15	16QAM	36	0	21.08	21.21	20.92	22.5
15	16QAM	36	20	21.01	21.14	20.88	
15	16QAM	36	39	20.98	21.06	20.70	
15	16QAM	75	0	20.94	21.16	20.82	
15	64QAM	1	0	21.07	21.08	20.79	22.5
15	64QAM	1	37	21.01	21.07	20.86	
15	64QAM	1	74	20.91	21.08	20.59	
15	64QAM	36	0	20.07	20.24	19.87	21.5
15	64QAM	36	20	19.97	20.17	19.85	
15	64QAM	36	39	19.98	20.14	19.84	
15	64QAM	75	0	19.98	20.14	19.88	
15	256QAM	1	0	18.08	17.99	17.87	19.5
15	256QAM	1	37	18.06	17.87	17.72	
15	256QAM	1	74	17.78	17.68	17.73	
15	256QAM	36	0	18.14	18.09	17.85	19.5

15	256QAM	36	20	18.16	18.00	17.78	
15	256QAM	36	39	17.98	17.82	17.58	
15	256QAM	75	0	18.03	17.86	17.72	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	23.10	23.18	22.87	24.5
10	QPSK	1	25	23.00	23.11	22.83	
10	QPSK	1	49	22.89	23.15	22.69	
10	QPSK	25	0	22.03	22.13	21.81	23.5
10	QPSK	25	12	22.01	22.17	21.89	
10	QPSK	25	25	21.91	22.06	21.92	
10	QPSK	50	0	21.97	22.14	21.84	
10	16QAM	1	0	22.09	22.10	21.84	23.5
10	16QAM	1	25	21.98	22.16	21.90	
10	16QAM	1	49	21.87	22.17	21.65	
10	16QAM	25	0	21.14	21.18	20.84	22.5
10	16QAM	25	12	20.98	21.16	20.82	
10	16QAM	25	25	20.91	21.12	20.73	
10	16QAM	50	0	20.98	21.10	20.81	
10	64QAM	1	0	21.09	21.09	20.78	22.5
10	64QAM	1	25	20.96	21.10	20.80	
10	64QAM	1	49	20.92	21.13	20.68	
10	64QAM	25	0	20.04	20.21	19.94	21.5
10	64QAM	25	12	20.02	20.16	19.89	
10	64QAM	25	25	19.90	20.05	19.92	
10	64QAM	50	0	19.93	20.23	19.82	
10	256QAM	1	0	18.17	18.00	17.91	19.5
10	256QAM	1	25	18.05	17.90	17.72	
10	256QAM	1	49	17.68	17.63	17.76	
10	256QAM	25	0	18.11	18.11	17.94	19.5
10	256QAM	25	12	18.17	17.99	17.80	
10	256QAM	25	25	18.01	17.85	17.62	
10	256QAM	50	0	18.07	17.87	17.78	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.05	23.12	22.86	24.5
5	QPSK	1	12	23.07	23.11	22.84	
5	QPSK	1	24	22.85	23.18	22.62	
5	QPSK	12	0	22.01	22.18	21.85	23.5
5	QPSK	12	7	21.96	22.19	21.86	
5	QPSK	12	13	21.86	22.09	21.82	
5	QPSK	25	0	21.88	22.13	21.84	
5	16QAM	1	0	22.19	22.09	21.83	23.5
5	16QAM	1	12	22.08	22.18	21.93	
5	16QAM	1	24	21.82	22.17	21.72	
5	16QAM	12	0	21.16	21.24	20.88	22.5
5	16QAM	12	7	21.00	21.21	20.80	
5	16QAM	12	13	21.00	21.09	20.65	
5	16QAM	25	0	21.00	21.10	20.84	
5	64QAM	1	0	21.07	21.12	20.88	22.5
5	64QAM	1	12	20.94	21.12	20.81	
5	64QAM	1	24	20.88	21.06	20.66	
5	64QAM	12	0	20.03	20.23	19.89	21.5
5	64QAM	12	7	20.05	20.18	19.90	
5	64QAM	12	13	19.89	20.07	19.90	
5	64QAM	25	0	19.96	20.21	19.84	
5	256QAM	1	0	18.09	18.00	17.85	19.5
5	256QAM	1	12	18.07	17.95	17.69	
5	256QAM	1	24	17.72	17.64	17.77	
5	256QAM	12	0	18.12	18.07	17.85	19.5
5	256QAM	12	7	18.14	17.94	17.82	
5	256QAM	12	13	17.96	17.78	17.59	
5	256QAM	25	0	18.13	17.84	17.76	

<LTE Band 38_Ant MIMO2_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	22.95	23.12	22.68	24.5
20	QPSK	1	49	22.76	22.93	22.64	
20	QPSK	1	99	22.67	22.84	22.61	
20	QPSK	50	0	22.11	22.27	21.85	23.5
20	QPSK	50	24	21.98	22.14	21.72	
20	QPSK	50	50	21.85	22.01	21.59	
20	QPSK	100	0	21.89	22.05	21.63	
20	16QAM	1	0	22.32	22.49	22.06	23.5
20	16QAM	1	49	22.15	22.31	21.89	
20	16QAM	1	99	22.06	22.22	21.80	
20	16QAM	50	0	21.50	21.66	21.25	22.5
20	16QAM	50	24	21.38	21.54	21.13	
20	16QAM	50	50	21.25	21.41	21.00	
20	16QAM	100	0	21.29	21.45	21.04	
20	64QAM	1	0	21.09	21.25	20.85	22.5
20	64QAM	1	49	20.92	21.08	20.68	
20	64QAM	1	99	20.84	20.99	20.59	
20	64QAM	50	0	20.32	20.47	20.08	21.5
20	64QAM	50	24	20.20	20.35	19.96	
20	64QAM	50	50	20.08	20.23	19.84	
20	64QAM	100	0	20.12	20.27	19.88	
20	256QAM	1	0	18.81	18.95	18.59	19.5
20	256QAM	1	49	18.65	18.79	18.43	
20	256QAM	1	99	18.58	18.72	18.36	
20	256QAM	50	0	18.12	18.25	17.90	19.5
20	256QAM	50	24	18.02	18.15	17.80	
20	256QAM	50	50	17.91	18.04	17.70	
20	256QAM	100	0	17.94	18.07	17.73	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	22.81	22.96	22.52	24.5
15	QPSK	1	37	22.64	22.83	22.64	
15	QPSK	1	74	22.56	22.68	22.66	
15	QPSK	36	0	21.92	22.17	21.68	23.5
15	QPSK	36	20	21.78	21.99	21.60	
15	QPSK	36	39	21.75	21.85	21.64	
15	QPSK	75	0	21.78	21.88	21.67	
15	16QAM	1	0	22.22	22.29	21.92	23.5
15	16QAM	1	37	22.00	22.11	21.70	
15	16QAM	1	74	21.90	22.04	21.62	
15	16QAM	36	0	21.40	21.49	21.09	22.5
15	16QAM	36	20	21.26	21.36	21.00	
15	16QAM	36	39	21.07	21.24	20.86	
15	16QAM	75	0	21.13	21.30	20.91	
15	64QAM	1	0	20.89	21.11	20.66	22.5
15	64QAM	1	37	20.81	20.98	20.88	
15	64QAM	1	74	20.67	20.80	20.69	
15	64QAM	36	0	20.15	20.29	19.94	21.5
15	64QAM	36	20	20.02	20.25	19.83	
15	64QAM	36	39	19.92	20.09	19.71	
15	64QAM	75	0	19.95	20.13	19.77	
15	256QAM	1	0	18.68	18.75	18.49	19.5
15	256QAM	1	37	18.46	18.64	18.33	
15	256QAM	1	74	18.47	18.52	18.19	
15	256QAM	36	0	18.01	18.06	17.77	19.5

15	256QAM	36	20	17.82	17.96	17.61	
15	256QAM	36	39	17.81	17.90	17.54	
15	256QAM	75	0	17.75	17.88	17.57	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	22.81	22.95	22.50	24.5
10	QPSK	1	25	22.66	22.74	22.50	
10	QPSK	1	49	22.59	22.66	22.53	
10	QPSK	25	0	21.92	22.13	21.74	23.5
10	QPSK	25	12	21.80	22.04	21.59	
10	QPSK	25	25	21.66	21.81	22.72	
10	QPSK	50	0	21.71	21.87	21.52	
10	16QAM	1	0	22.22	22.38	21.91	23.5
10	16QAM	1	25	22.00	22.14	21.73	
10	16QAM	1	49	21.94	22.08	21.68	
10	16QAM	25	0	21.37	21.49	21.05	22.5
10	16QAM	25	12	21.24	21.35	20.99	
10	16QAM	25	25	21.10	21.27	20.80	
10	16QAM	50	0	21.16	21.27	20.94	
10	64QAM	1	0	20.95	21.09	20.66	22.5
10	64QAM	1	25	20.82	20.93	20.50	
10	64QAM	1	49	20.74	20.83	20.61	
10	64QAM	25	0	20.17	20.33	19.98	21.5
10	64QAM	25	12	20.07	20.22	19.85	
10	64QAM	25	25	19.96	20.04	19.74	
10	64QAM	50	0	20.01	20.16	19.74	
10	256QAM	1	0	18.71	18.75	18.47	19.5
10	256QAM	1	25	18.53	18.65	18.25	
10	256QAM	1	49	18.40	18.53	18.26	
10	256QAM	25	0	17.94	18.07	17.75	19.5
10	256QAM	25	12	17.84	17.95	17.63	
10	256QAM	25	25	17.81	17.90	17.56	
10	256QAM	50	0	17.75	17.97	17.56	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	22.76	22.99	22.57	24.5
5	QPSK	1	12	22.61	22.80	22.75	
5	QPSK	1	24	22.51	22.67	22.54	
5	QPSK	12	0	21.99	22.10	21.75	23.5
5	QPSK	12	7	21.82	22.02	21.56	
5	QPSK	12	13	21.75	21.90	21.80	
5	QPSK	25	0	21.71	21.92	21.53	
5	16QAM	1	0	22.16	22.31	21.94	23.5
5	16QAM	1	12	21.95	22.20	21.77	
5	16QAM	1	24	21.95	22.03	21.63	
5	16QAM	12	0	21.39	21.53	21.15	22.5
5	16QAM	12	7	21.19	21.40	21.03	
5	16QAM	12	13	21.11	21.24	20.81	
5	16QAM	25	0	21.17	21.26	20.88	
5	64QAM	1	0	20.94	21.07	20.75	22.5
5	64QAM	1	12	20.75	20.89	20.50	
5	64QAM	1	24	20.73	20.86	20.77	
5	64QAM	12	0	20.12	20.28	19.91	21.5
5	64QAM	12	7	20.10	20.22	19.84	
5	64QAM	12	13	19.96	20.11	19.74	
5	64QAM	25	0	19.94	20.10	19.74	
5	256QAM	1	0	18.62	18.85	18.44	19.5
5	256QAM	1	12	18.45	18.62	18.24	
5	256QAM	1	24	18.43	18.59	18.18	
5	256QAM	12	0	17.92	18.14	17.76	19.5
5	256QAM	12	7	17.91	18.03	17.70	
5	256QAM	12	13	17.79	17.84	17.54	
5	256QAM	25	0	17.83	17.87	17.60	

<LTE Band 41_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.45	23.46	23.28	23.40	23.43	25
20	QPSK	1	49	23.45	23.39	23.22	23.36	23.42	
20	QPSK	1	99	23.44	23.41	23.11	23.30	23.26	
20	QPSK	50	0	22.48	22.59	22.30	22.45	22.35	24
20	QPSK	50	24	22.43	22.52	22.28	22.44	22.34	
20	QPSK	50	50	22.42	22.51	22.14	22.42	22.36	
20	QPSK	100	0	22.38	22.47	22.22	22.38	22.29	
20	16QAM	1	0	22.44	22.45	22.11	22.34	22.26	24
20	16QAM	1	49	22.52	22.50	22.13	22.44	22.40	
20	16QAM	1	99	22.41	22.50	22.18	22.38	22.30	
20	16QAM	50	0	21.50	21.48	21.22	21.34	21.38	23
20	16QAM	50	24	21.48	21.55	21.25	21.47	21.38	
20	16QAM	50	50	21.45	21.54	21.12	21.43	21.39	
20	16QAM	100	0	21.40	21.46	21.18	21.40	21.31	
20	64QAM	1	0	21.39	21.33	21.06	21.20	21.24	23
20	64QAM	1	49	21.34	21.40	21.24	21.30	21.37	
20	64QAM	1	99	21.35	21.38	21.12	21.20	21.26	
20	64QAM	50	0	20.55	20.51	20.24	20.35	20.35	22
20	64QAM	50	24	20.43	20.55	20.26	20.49	20.38	
20	64QAM	50	50	20.45	20.53	20.15	20.47	20.38	
20	64QAM	100	0	20.40	20.49	20.23	20.41	20.29	
20	256QAM	1	0	18.32	18.22	18.28	18.25	18.28	20
20	256QAM	1	49	18.54	18.26	18.22	18.35	18.42	
20	256QAM	1	99	18.36	18.25	18.20	18.27	18.42	
20	256QAM	50	0	18.50	18.36	18.35	18.35	18.37	20
20	256QAM	50	24	18.51	18.31	18.31	18.42	18.44	
20	256QAM	50	50	18.45	18.23	18.18	18.34	18.39	
20	256QAM	100	0	18.48	18.21	18.25	18.35	18.40	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.31	23.27	23.30	23.23	23.30	25.00
15	QPSK	1	37	23.29	23.20	23.32	23.25	23.28	
15	QPSK	1	74	23.28	23.23	23.18	23.18	23.06	
15	QPSK	36	0	22.28	22.43	22.32	22.32	22.21	24
15	QPSK	36	20	22.32	22.38	22.31	22.30	22.21	
15	QPSK	36	39	22.23	22.36	22.17	22.24	22.26	
15	QPSK	75	0	22.21	22.35	22.27	22.23	22.15	
15	16QAM	1	0	22.29	22.29	22.15	22.22	22.06	24
15	16QAM	1	37	22.41	22.39	22.22	22.32	22.22	
15	16QAM	1	74	22.24	22.40	22.22	22.19	22.12	
15	16QAM	36	0	21.30	21.31	21.23	21.18	21.23	23
15	16QAM	36	20	21.34	21.44	21.29	21.32	21.25	
15	16QAM	36	39	21.27	21.43	21.22	21.32	21.25	
15	16QAM	75	0	21.23	21.35	21.25	21.24	21.16	
15	64QAM	1	0	21.26	21.23	21.09	21.09	21.04	23
15	64QAM	1	37	21.18	21.21	21.30	21.13	21.27	
15	64QAM	1	74	21.18	21.23	21.16	21.06	21.09	
15	64QAM	36	0	20.45	20.34	20.25	20.20	20.17	22
15	64QAM	36	20	20.23	20.45	20.34	20.31	20.26	
15	64QAM	36	39	20.31	20.39	20.24	20.27	20.19	
15	64QAM	75	0	20.22	20.30	20.33	20.24	20.19	
15	256QAM	1	0	18.16	18.11	18.08	18.08	18.16	20
15	256QAM	1	37	18.36	18.07	18.06	18.16	18.22	
15	256QAM	1	74	18.20	18.12	18.05	18.08	18.31	
15	256QAM	36	0	18.37	18.24	18.16	18.17	18.22	20

15	256QAM	36	20	18.33	18.11	18.14	18.23	18.30	
15	256QAM	36	39	18.28	18.08	18.01	18.14	18.29	
15	256QAM	75	0	18.29	18.07	18.13	18.17	18.30	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.33	23.31	23.33	23.30	23.26	25.00
10	QPSK	1	25	23.29	23.26	23.24	23.17	23.31	
10	QPSK	1	49	23.33	23.30	23.11	23.15	23.06	
10	QPSK	25	0	22.35	22.39	22.37	22.35	22.17	24
10	QPSK	25	12	22.24	22.39	22.33	22.24	22.19	
10	QPSK	25	25	22.32	22.38	22.24	22.30	22.22	
10	QPSK	50	0	22.22	22.35	22.28	22.22	22.18	
10	16QAM	1	0	22.26	22.35	22.17	22.22	22.07	24
10	16QAM	1	25	22.38	22.35	22.19	22.33	22.22	
10	16QAM	1	49	22.24	22.34	22.27	22.24	22.16	
10	16QAM	25	0	21.34	21.30	21.29	21.20	21.23	23
10	16QAM	25	12	21.38	21.41	21.34	21.37	21.18	
10	16QAM	25	25	21.31	21.40	21.14	21.31	21.20	
10	16QAM	50	0	21.26	21.36	21.28	21.28	21.19	
10	64QAM	1	0	21.24	21.18	21.16	21.01	21.04	23
10	64QAM	1	25	21.17	21.28	21.32	21.18	21.21	
10	64QAM	1	49	21.24	21.23	21.18	21.04	21.16	
10	64QAM	25	0	20.43	20.35	20.33	20.22	20.24	22
10	64QAM	25	12	20.33	20.44	20.28	20.35	20.28	
10	64QAM	25	25	20.30	20.43	20.25	20.31	20.22	
10	64QAM	50	0	20.24	20.37	20.24	20.30	20.18	
10	256QAM	1	0	18.20	18.08	18.14	18.07	18.14	20
10	256QAM	1	25	18.36	18.13	18.09	18.22	18.22	
10	256QAM	1	49	18.16	18.07	18.07	18.07	18.28	
10	256QAM	25	0	18.38	18.20	18.20	18.22	18.17	20
10	256QAM	25	12	18.36	18.18	18.20	18.22	18.34	
10	256QAM	25	25	18.32	18.10	18.11	18.24	18.19	
10	256QAM	50	0	18.29	18.07	18.11	18.19	18.22	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	23.29	23.36	23.31	23.22	23.28	25.00
5	QPSK	1	12	23.27	23.29	23.27	23.23	23.32	
5	QPSK	1	24	23.34	23.21	23.21	23.17	23.09	
5	QPSK	12	0	22.33	22.43	22.35	22.25	22.22	24
5	QPSK	12	7	22.32	22.35	22.36	22.30	22.16	
5	QPSK	12	13	22.32	22.35	22.23	22.27	22.20	
5	QPSK	25	0	22.24	22.32	22.32	22.27	22.10	
5	16QAM	1	0	22.34	22.31	22.16	22.17	22.16	24
5	16QAM	1	12	22.37	22.35	22.16	22.28	22.30	
5	16QAM	1	24	22.28	22.36	22.28	22.23	22.16	
5	16QAM	12	0	21.33	21.34	21.23	21.23	21.25	23
5	16QAM	12	7	21.33	21.39	21.35	21.32	21.26	
5	16QAM	12	13	21.33	21.40	21.16	21.26	21.21	
5	16QAM	25	0	21.28	21.35	21.28	21.25	21.15	
5	64QAM	1	0	21.19	21.21	21.14	21.10	21.12	23
5	64QAM	1	12	21.16	21.26	21.32	21.11	21.17	
5	64QAM	1	24	21.23	21.22	21.12	21.04	21.06	
5	64QAM	12	0	20.35	20.31	20.31	20.19	20.23	22
5	64QAM	12	7	20.24	20.42	20.33	20.29	20.27	
5	64QAM	12	13	20.28	20.39	20.22	20.37	20.21	
5	64QAM	25	0	20.29	20.36	20.26	20.22	20.12	
5	256QAM	1	0	18.14	18.08	18.08	18.14	18.09	20
5	256QAM	1	12	18.44	18.14	18.12	18.19	18.30	
5	256QAM	1	24	18.17	18.12	18.09	18.07	18.28	
5	256QAM	12	0	18.33	18.16	18.17	18.20	18.21	20
5	256QAM	12	7	18.38	18.20	18.14	18.26	18.32	
5	256QAM	12	13	18.29	18.13	18.18	18.21	18.22	
5	256QAM	25	0	18.33	18.05	18.13	18.24	18.27	

<LTE Band 41_Ant MIMO2_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.12	23.16	23.15	23.04	23.05	25
20	QPSK	1	49	23.07	23.11	23.10	23.01	23.00	
20	QPSK	1	99	23.03	23.07	23.06	23.15	23.04	
20	QPSK	50	0	22.20	22.24	22.23	22.12	22.13	24
20	QPSK	50	24	22.19	22.23	22.22	22.11	22.12	
20	QPSK	50	50	22.15	22.19	22.18	22.08	22.08	
20	QPSK	100	0	22.12	22.16	22.15	22.05	22.05	
20	16QAM	1	0	22.38	22.42	22.41	22.30	22.31	24
20	16QAM	1	49	22.33	22.37	22.36	22.25	22.26	
20	16QAM	1	99	22.29	22.33	22.32	22.21	22.22	
20	16QAM	50	0	21.49	21.53	21.52	21.42	21.43	23
20	16QAM	50	24	21.48	21.52	21.51	21.41	21.42	
20	16QAM	50	50	21.44	21.48	21.47	21.37	21.38	
20	16QAM	100	0	21.41	21.45	21.44	21.34	21.35	
20	64QAM	1	0	21.10	21.14	21.13	21.03	21.04	23
20	64QAM	1	49	21.05	21.09	21.08	21.18	21.09	
20	64QAM	1	99	21.02	21.06	21.05	21.05	21.06	
20	64QAM	50	0	20.26	20.30	20.29	20.19	20.20	22
20	64QAM	50	24	20.25	20.29	20.28	20.18	20.19	
20	64QAM	50	50	20.22	20.25	20.24	20.15	20.15	
20	64QAM	100	0	20.20	20.23	20.22	20.13	20.13	
20	256QAM	1	0	18.97	19.00	18.99	18.90	18.91	20
20	256QAM	1	49	18.93	18.96	18.95	18.86	18.87	
20	256QAM	1	99	18.90	18.93	18.92	18.83	18.84	
20	256QAM	50	0	18.22	18.25	18.24	18.16	18.16	20
20	256QAM	50	24	18.21	18.24	18.23	18.15	18.15	
20	256QAM	50	50	18.17	18.20	18.19	18.11	18.11	
20	256QAM	100	0	18.15	18.18	18.17	18.09	18.09	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.02	23.08	23.07	23.00	23.08	25.00
15	QPSK	1	37	23.01	23.06	23.00	23.01	23.05	
15	QPSK	1	74	23.07	23.07	23.06	23.06	23.05	
15	QPSK	36	0	22.15	22.14	22.16	22.06	22.08	24
15	QPSK	36	20	22.09	22.18	22.17	22.05	22.03	
15	QPSK	36	39	22.06	22.13	22.09	22.03	22.09	
15	QPSK	75	0	22.03	22.08	22.05	22.00	22.08	
15	16QAM	1	0	22.29	22.35	22.35	22.20	22.21	24
15	16QAM	1	37	22.25	22.30	22.31	22.15	22.20	
15	16QAM	1	74	22.22	22.27	22.25	22.15	22.17	
15	16QAM	36	0	21.39	21.44	21.44	21.33	21.34	23
15	16QAM	36	20	21.40	21.46	21.46	21.35	21.33	
15	16QAM	36	39	21.34	21.39	21.41	21.28	21.28	
15	16QAM	75	0	21.35	21.39	21.37	21.26	21.30	
15	64QAM	1	0	21.01	21.04	21.08	21.03	21.04	23
15	64QAM	1	37	21.05	21.01	21.08	21.12	21.02	
15	64QAM	1	74	21.06	21.06	21.05	21.00	21.06	
15	64QAM	36	0	20.20	20.20	20.23	20.13	20.13	22
15	64QAM	36	20	20.19	20.23	20.23	20.09	20.13	
15	64QAM	36	39	20.14	20.16	20.18	20.08	20.08	
15	64QAM	75	0	20.12	20.14	20.13	20.08	20.06	
15	256QAM	1	0	18.92	18.94	18.91	18.80	18.83	20
15	256QAM	1	37	18.86	18.90	18.89	18.80	18.78	
15	256QAM	1	74	18.84	18.88	18.85	18.74	18.78	
15	256QAM	36	0	18.13	18.15	18.14	18.06	18.09	20

15	256QAM	36	20	18.16	18.15	18.16	18.05	18.06	
15	256QAM	36	39	18.07	18.10	18.11	18.01	18.05	
15	256QAM	75	0	18.07	18.10	18.08	18.01	18.01	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.03	23.09	23.09	23.08	23.00	25.00
10	QPSK	1	25	23.00	23.03	23.05	23.03	23.05	
10	QPSK	1	49	23.00	23.00	23.09	23.06	23.04	
10	QPSK	25	0	22.11	22.14	22.18	22.03	22.05	24
10	QPSK	25	12	22.11	22.14	22.16	22.03	22.05	
10	QPSK	25	25	22.07	22.14	22.10	22.03	22.00	
10	QPSK	50	0	22.07	22.11	22.06	22.00	22.00	
10	16QAM	1	0	22.28	22.34	22.32	22.25	22.22	24
10	16QAM	1	25	22.27	22.30	22.26	22.20	22.17	
10	16QAM	1	49	22.22	22.23	22.25	22.14	22.13	
10	16QAM	25	0	21.40	21.46	21.45	21.35	21.35	23
10	16QAM	25	12	21.38	21.43	21.45	21.35	21.36	
10	16QAM	25	25	21.35	21.38	21.37	21.32	21.29	
10	16QAM	50	0	21.31	21.39	21.38	21.28	21.30	
10	64QAM	1	0	21.04	21.04	21.03	21.00	21.00	23
10	64QAM	1	25	21.00	21.00	21.00	21.13	21.01	
10	64QAM	1	49	21.00	21.00	21.00	21.00	21.00	
10	64QAM	25	0	20.17	20.21	20.20	20.13	20.13	22
10	64QAM	25	12	20.19	20.23	20.20	20.12	20.12	
10	64QAM	25	25	20.14	20.16	20.19	20.10	20.05	
10	64QAM	50	0	20.14	20.18	20.17	20.03	20.08	
10	256QAM	1	0	18.89	18.92	18.94	18.85	18.84	20
10	256QAM	1	25	18.88	18.87	18.85	18.80	18.79	
10	256QAM	1	49	18.85	18.83	18.82	18.75	18.76	
10	256QAM	25	0	18.12	18.18	18.15	18.11	18.11	20
10	256QAM	25	12	18.11	18.15	18.16	18.09	18.06	
10	256QAM	25	25	18.09	18.13	18.09	18.06	18.06	
10	256QAM	50	0	18.05	18.08	18.11	18.04	18.03	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	23.05	23.10	23.06	23.06	23.07	25.00
5	QPSK	1	12	23.00	23.03	23.01	23.00	23.00	
5	QPSK	1	24	23.00	23.00	23.00	23.05	23.00	
5	QPSK	12	0	22.10	22.14	22.15	22.05	22.03	24
5	QPSK	12	7	22.14	22.16	22.15	22.03	22.05	
5	QPSK	12	13	22.07	22.09	22.12	22.01	22.00	
5	QPSK	25	0	22.07	22.08	22.10	22.00	22.00	
5	16QAM	1	0	22.31	22.32	22.34	22.25	22.22	24
5	16QAM	1	12	22.24	22.29	22.30	22.19	22.18	
5	16QAM	1	24	22.19	22.24	22.25	22.15	22.13	
5	16QAM	12	0	21.39	21.45	21.43	21.32	21.35	23
5	16QAM	12	7	21.43	21.44	21.45	21.36	21.34	
5	16QAM	12	13	21.36	21.42	21.37	21.30	21.28	
5	16QAM	25	0	21.31	21.39	21.39	21.25	21.27	
5	64QAM	1	0	21.02	21.08	21.05	21.00	21.00	23
5	64QAM	1	12	21.00	21.04	21.03	21.13	21.01	
5	64QAM	1	24	21.00	21.01	21.00	21.00	21.00	
5	64QAM	12	0	20.16	20.22	20.21	20.09	20.12	22
5	64QAM	12	7	20.15	20.20	20.20	20.08	20.13	
5	64QAM	12	13	20.12	20.17	20.18	20.08	20.08	
5	64QAM	25	0	20.14	20.14	20.15	20.05	20.07	
5	256QAM	1	0	18.89	18.93	18.91	18.83	18.84	20
5	256QAM	1	12	18.84	18.87	18.86	18.79	18.82	
5	256QAM	1	24	18.81	18.87	18.85	18.76	18.76	
5	256QAM	12	0	18.13	18.20	18.18	18.08	18.11	20
5	256QAM	12	7	18.13	18.18	18.17	18.08	18.10	
5	256QAM	12	13	18.08	18.15	18.09	18.01	18.01	
5	256QAM	25	0	18.09	18.11	18.10	18.01	18.01	

<LTE Band 41_HPUE_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	25.31	25.41	25.25	25.15	25.16	27
20	QPSK	1	49	25.35	25.31	25.22	25.35	25.26	
20	QPSK	1	99	25.30	25.28	25.10	25.29	25.13	
20	QPSK	50	0	24.42	24.37	24.27	24.30	24.22	26
20	QPSK	50	24	24.36	24.40	24.31	24.42	24.25	
20	QPSK	50	50	24.37	24.40	24.21	24.42	24.26	
20	QPSK	100	0	24.31	24.37	24.24	24.37	24.21	
20	16QAM	1	0	24.63	24.58	24.37	24.57	24.46	26
20	16QAM	1	49	24.60	24.66	24.53	24.74	24.55	
20	16QAM	1	99	24.64	24.67	24.38	24.58	24.51	
20	16QAM	50	0	23.46	23.42	23.33	23.34	23.26	25
20	16QAM	50	24	23.40	23.45	23.36	23.46	23.32	
20	16QAM	50	50	23.40	23.44	23.23	23.44	23.29	
20	16QAM	100	0	23.36	23.36	23.26	23.42	23.24	
20	64QAM	1	0	23.53	23.52	23.34	23.31	23.40	25
20	64QAM	1	49	23.59	23.57	23.49	23.49	23.53	
20	64QAM	1	99	23.56	23.48	23.27	23.10	23.12	
20	64QAM	50	0	22.42	22.46	22.32	22.25	22.13	24
20	64QAM	50	24	22.41	22.46	22.33	22.06	22.30	
20	64QAM	50	50	22.39	22.45	22.22	22.02	22.21	
20	64QAM	100	0	22.38	22.37	22.27	22.02	22.20	
20	256QAM	1	0	20.34	20.23	20.28	20.28	20.24	22
20	256QAM	1	49	20.48	20.25	20.20	20.35	20.37	
20	256QAM	1	99	20.33	20.26	20.18	20.29	20.46	
20	256QAM	50	0	20.50	20.37	20.31	20.38	20.41	22
20	256QAM	50	24	20.50	20.28	20.35	20.46	20.44	
20	256QAM	50	50	20.49	20.17	20.15	20.38	20.34	
20	256QAM	100	0	20.45	20.24	20.27	20.39	20.43	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	25.20	25.28	25.29	25.20	25.18	27.00
15	QPSK	1	37	25.20	25.13	25.17	25.34	25.21	
15	QPSK	1	74	25.20	25.12	25.06	25.25	25.17	
15	QPSK	36	0	24.30	24.24	24.29	24.35	24.26	26
15	QPSK	36	20	24.17	24.24	24.27	24.41	24.26	
15	QPSK	36	39	24.20	24.28	24.26	24.38	24.21	
15	QPSK	75	0	24.19	24.25	24.21	24.41	24.22	
15	16QAM	1	0	24.44	24.38	24.40	24.58	24.43	26
15	16QAM	1	37	24.49	24.55	24.50	24.76	24.55	
15	16QAM	1	74	24.53	24.55	24.40	24.53	24.50	
15	16QAM	36	0	23.27	23.29	23.31	23.34	23.23	25
15	16QAM	36	20	23.25	23.30	23.37	23.43	23.30	
15	16QAM	36	39	23.30	23.29	23.28	23.45	23.30	
15	16QAM	75	0	23.19	23.18	23.25	23.37	23.29	
15	64QAM	1	0	23.39	23.41	23.31	23.36	23.35	25
15	64QAM	1	37	23.45	23.39	23.54	23.51	23.48	
15	64QAM	1	74	23.41	23.30	23.28	23.15	23.07	
15	64QAM	36	0	22.32	22.33	22.28	22.29	22.17	24
15	64QAM	36	20	22.29	22.34	22.28	22.01	22.34	
15	64QAM	36	39	22.24	22.29	22.27	22.01	22.26	
15	64QAM	75	0	22.28	22.17	22.29	22.15	22.15	
15	256QAM	1	0	20.24	20.10	20.16	20.17	20.14	22
15	256QAM	1	37	20.34	20.05	20.06	20.20	20.22	
15	256QAM	1	74	20.18	20.13	20.03	20.13	20.33	
15	256QAM	36	0	20.36	20.20	20.12	20.20	20.30	22

15	256QAM	36	20	20.39	20.15	20.17	20.36	20.28	
15	256QAM	36	39	20.33	20.07	20.17	20.22	20.15	
15	256QAM	75	0	20.34	20.13	20.14	20.25	20.33	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	25.11	25.25	25.26	25.17	25.12	27.00
10	QPSK	1	25	25.24	25.21	25.23	25.33	25.27	
10	QPSK	1	49	25.20	25.08	25.14	25.25	25.13	
10	QPSK	25	0	24.29	24.27	24.26	24.31	24.22	26
10	QPSK	25	12	24.16	24.24	24.29	24.38	24.26	
10	QPSK	25	25	24.27	24.27	24.20	24.46	24.26	
10	QPSK	50	0	24.12	24.23	24.24	24.32	24.17	
10	16QAM	1	0	24.53	24.39	24.34	24.61	24.41	26
10	16QAM	1	25	24.43	24.56	24.58	24.75	24.53	
10	16QAM	1	49	24.52	24.55	24.37	24.59	24.46	
10	16QAM	25	0	23.29	23.24	23.37	23.36	23.26	25
10	16QAM	25	12	23.29	23.32	23.38	23.48	23.29	
10	16QAM	25	25	23.20	23.31	23.21	23.42	23.30	
10	16QAM	50	0	23.25	23.16	23.25	23.46	23.19	
10	64QAM	1	0	23.43	23.42	23.36	23.33	23.45	25
10	64QAM	1	25	23.46	23.37	23.48	23.53	23.55	
10	64QAM	1	49	23.45	23.33	23.29	23.07	23.10	
10	64QAM	25	0	22.31	22.27	22.30	22.20	22.14	24
10	64QAM	25	12	22.31	22.33	22.30	22.10	22.34	
10	64QAM	25	25	22.26	22.34	22.19	22.08	22.21	
10	64QAM	50	0	22.27	22.21	22.24	22.04	22.20	
10	256QAM	1	0	20.23	20.13	20.13	20.16	20.12	22
10	256QAM	1	25	20.38	20.08	20.08	20.18	20.18	
10	256QAM	1	49	20.13	20.14	20.18	20.16	20.30	
10	256QAM	25	0	20.34	20.20	20.20	20.27	20.26	22
10	256QAM	25	12	20.37	20.14	20.15	20.29	20.30	
10	256QAM	25	25	20.36	20.03	20.04	20.24	20.24	
10	256QAM	50	0	20.26	20.11	20.11	20.24	20.27	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	25.11	25.24	25.20	25.14	25.21	27.00
5	QPSK	1	12	25.24	25.18	25.18	25.31	25.24	
5	QPSK	1	24	25.19	25.12	25.12	25.33	25.18	
5	QPSK	12	0	24.24	24.19	24.27	24.27	24.17	26
5	QPSK	12	7	24.20	24.21	24.35	24.39	24.26	
5	QPSK	12	13	24.25	24.23	24.21	24.45	24.25	
5	QPSK	25	0	24.21	24.19	24.20	24.32	24.16	
5	16QAM	1	0	24.49	24.42	24.33	24.62	24.44	26
5	16QAM	1	12	24.42	24.53	24.57	24.75	24.54	
5	16QAM	1	24	24.52	24.56	24.40	24.62	24.53	
5	16QAM	12	0	23.26	23.25	23.36	23.38	23.23	25
5	16QAM	12	7	23.28	23.33	23.38	23.45	23.30	
5	16QAM	12	13	23.28	23.30	23.25	23.45	23.25	
5	16QAM	25	0	23.23	23.25	23.29	23.39	23.24	
5	64QAM	1	0	23.35	23.32	23.38	23.34	23.41	25
5	64QAM	1	12	23.48	23.47	23.53	23.51	23.54	
5	64QAM	1	24	23.45	23.36	23.25	23.12	23.14	
5	64QAM	12	0	22.24	22.26	22.30	22.29	22.13	24
5	64QAM	12	7	22.27	22.32	22.31	22.03	22.34	
5	64QAM	12	13	22.28	22.31	22.22	22.04	22.26	
5	64QAM	25	0	22.26	22.20	22.25	22.00	22.20	
5	256QAM	1	0	20.24	20.13	20.15	20.16	20.13	22
5	256QAM	1	12	20.28	20.10	20.08	20.21	20.25	
5	256QAM	1	24	20.16	20.13	20.06	20.19	20.31	
5	256QAM	12	0	20.32	20.23	20.16	20.19	20.24	22
5	256QAM	12	7	20.34	20.17	20.20	20.26	20.34	
5	256QAM	12	13	20.30	20.19	20.19	20.27	20.17	
5	256QAM	25	0	20.29	20.14	20.12	20.22	20.24	

<LTE Band 41_HPUE_Ant MIMO2_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	25.17	25.18	25.16	25.11	25.13	27
20	QPSK	1	49	25.12	25.13	25.11	25.06	25.08	
20	QPSK	1	99	25.07	25.08	25.06	25.01	25.03	
20	QPSK	50	0	24.17	24.18	24.16	24.11	24.13	26
20	QPSK	50	24	24.16	24.17	24.15	24.10	24.12	
20	QPSK	50	50	24.12	24.13	24.11	24.06	24.08	
20	QPSK	100	0	24.08	24.09	24.07	24.02	24.04	
20	16QAM	1	0	24.37	24.38	24.36	24.31	24.33	26
20	16QAM	1	49	24.31	24.32	24.30	24.25	24.27	
20	16QAM	1	99	24.27	24.28	24.26	24.21	24.23	
20	16QAM	50	0	23.40	23.41	23.39	23.34	23.36	25
20	16QAM	50	24	23.39	23.40	23.38	23.33	23.35	
20	16QAM	50	50	23.34	23.35	23.33	23.29	23.30	
20	16QAM	100	0	23.31	23.32	23.30	23.26	23.27	
20	64QAM	1	0	23.27	23.28	23.26	23.22	23.23	25
20	64QAM	1	49	23.22	23.23	23.21	23.17	23.18	
20	64QAM	1	99	23.19	23.20	23.18	23.14	23.15	
20	64QAM	50	0	22.06	22.07	22.05	22.01	22.03	24
20	64QAM	50	24	22.05	22.06	22.04	22.00	22.02	
20	64QAM	50	50	22.01	22.02	22.00	22.06	22.08	
20	64QAM	100	0	22.08	22.09	22.07	22.03	22.05	
20	256QAM	1	0	20.65	20.66	20.64	20.60	20.62	22
20	256QAM	1	49	20.60	20.61	20.59	20.55	20.57	
20	256QAM	1	99	20.57	20.58	20.56	20.52	20.54	
20	256QAM	50	0	20.23	20.24	20.22	20.18	20.20	22
20	256QAM	50	24	20.22	20.23	20.21	20.17	20.19	
20	256QAM	50	50	20.18	20.19	20.17	20.13	20.15	
20	256QAM	100	0	20.16	20.17	20.15	20.11	20.13	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	25.12	25.14	25.12	25.06	25.08	27.00
15	QPSK	1	37	25.09	25.09	25.06	25.02	25.05	
15	QPSK	1	74	25.03	25.03	25.03	25.06	25.09	
15	QPSK	36	0	24.12	24.15	24.11	24.07	24.09	26
15	QPSK	36	20	24.11	24.12	24.10	24.07	24.09	
15	QPSK	36	39	24.07	24.09	24.07	24.01	24.04	
15	QPSK	75	0	24.03	24.04	24.02	24.00	24.00	
15	16QAM	1	0	24.33	24.35	24.32	24.28	24.29	26
15	16QAM	1	37	24.28	24.29	24.27	24.20	24.23	
15	16QAM	1	74	24.23	24.23	24.23	24.16	24.20	
15	16QAM	36	0	23.37	23.38	23.36	23.29	23.32	25
15	16QAM	36	20	23.34	23.35	23.35	23.28	23.30	
15	16QAM	36	39	23.30	23.31	23.30	23.25	23.27	
15	16QAM	75	0	23.28	23.27	23.26	23.21	23.24	
15	64QAM	1	0	23.22	23.23	23.23	23.18	23.20	25
15	64QAM	1	37	23.18	23.20	23.17	23.14	23.15	
15	64QAM	1	74	23.16	23.16	23.15	23.09	23.11	
15	64QAM	36	0	22.03	22.02	22.00	22.00	22.00	24
15	64QAM	36	20	22.02	22.03	22.00	22.00	22.00	
15	64QAM	36	39	22.00	22.00	22.00	22.01	22.03	
15	64QAM	75	0	22.05	22.06	22.03	22.00	22.02	
15	256QAM	1	0	20.60	20.62	20.61	20.57	20.59	22
15	256QAM	1	37	20.55	20.58	20.56	20.52	20.54	
15	256QAM	1	74	20.52	20.53	20.53	20.49	20.49	
15	256QAM	36	0	20.19	20.20	20.17	20.13	20.15	22

15	256QAM	36	20	20.17	20.19	20.16	20.12	20.15	
15	256QAM	36	39	20.15	20.16	20.13	20.08	20.12	
15	256QAM	75	0	20.11	20.12	20.11	20.06	20.10	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	25.12	25.15	25.13	25.06	25.08	27.00
10	QPSK	1	25	25.08	25.10	25.08	25.01	25.03	
10	QPSK	1	49	25.02	25.05	25.01	25.00	25.00	
10	QPSK	25	0	24.14	24.14	24.12	24.07	24.10	26
10	QPSK	25	12	24.13	24.12	24.11	24.05	24.09	
10	QPSK	25	25	24.09	24.08	24.06	24.02	24.05	
10	QPSK	50	0	24.05	24.05	24.02	24.00	24.01	
10	16QAM	1	0	24.32	24.33	24.33	24.26	24.29	26
10	16QAM	1	25	24.27	24.29	24.27	24.22	24.22	
10	16QAM	1	49	24.22	24.24	24.22	24.17	24.18	
10	16QAM	25	0	23.36	23.36	23.34	23.31	23.31	25
10	16QAM	25	12	23.36	23.37	23.33	23.29	23.30	
10	16QAM	25	25	23.31	23.32	23.30	23.26	23.27	
10	16QAM	50	0	23.27	23.27	23.25	23.21	23.24	
10	64QAM	1	0	23.22	23.23	23.23	23.18	23.18	25
10	64QAM	1	25	23.19	23.18	23.16	23.12	23.13	
10	64QAM	1	49	23.15	23.16	23.13	23.11	23.11	
10	64QAM	25	0	22.02	22.02	22.01	22.00	22.00	24
10	64QAM	25	12	22.01	22.03	22.00	22.00	22.00	
10	64QAM	25	25	22.00	22.00	22.00	22.02	22.05	
10	64QAM	50	0	22.03	22.04	22.02	22.00	22.00	
10	256QAM	1	0	20.60	20.62	20.60	20.55	20.59	22
10	256QAM	1	25	20.56	20.56	20.55	20.50	20.53	
10	256QAM	1	49	20.52	20.55	20.51	20.49	20.50	
10	256QAM	25	0	20.20	20.20	20.18	20.15	20.15	22
10	256QAM	25	12	20.17	20.20	20.16	20.14	20.16	
10	256QAM	25	25	20.13	20.14	20.14	20.09	20.10	
10	256QAM	50	0	20.13	20.14	20.12	20.06	20.08	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	25.13	25.14	25.12	25.06	25.10	27.00
5	QPSK	1	12	25.07	25.08	25.08	25.03	25.03	
5	QPSK	1	24	25.02	25.04	25.02	25.00	25.00	
5	QPSK	12	0	24.14	24.14	24.11	24.06	24.09	26
5	QPSK	12	7	24.12	24.14	24.11	24.07	24.08	
5	QPSK	12	13	24.09	24.10	24.08	24.01	24.04	
5	QPSK	25	0	24.04	24.05	24.04	25.00	24.01	
5	16QAM	1	0	24.33	24.33	24.31	24.28	24.30	26
5	16QAM	1	12	24.26	24.28	24.26	24.20	24.24	
5	16QAM	1	24	24.22	24.24	24.21	24.17	24.20	
5	16QAM	12	0	23.36	23.38	23.34	23.29	23.33	25
5	16QAM	12	7	23.34	23.37	23.33	23.28	23.32	
5	16QAM	12	13	23.29	23.32	23.29	23.25	23.27	
5	16QAM	25	0	23.28	23.27	23.25	23.21	23.22	
5	64QAM	1	0	23.24	23.24	23.23	23.17	23.19	25
5	64QAM	1	12	23.17	23.18	23.18	23.12	23.13	
5	64QAM	1	24	23.14	23.17	23.14	23.10	23.11	
5	64QAM	12	0	22.02	22.02	22.00	22.00	22.00	24
5	64QAM	12	7	22.02	22.02	22.00	22.00	22.00	
5	64QAM	12	13	22.00	22.00	22.00	22.03	22.05	
5	64QAM	25	0	22.05	22.05	22.04	22.00	22.00	
5	256QAM	1	0	20.62	20.63	20.59	20.57	20.58	22
5	256QAM	1	12	20.55	20.58	20.56	20.51	20.53	
5	256QAM	1	24	20.52	20.55	20.53	20.47	20.49	
5	256QAM	12	0	20.19	20.21	20.19	20.15	20.17	22
5	256QAM	12	7	20.17	20.19	20.16	20.14	20.15	
5	256QAM	12	13	20.15	20.14	20.13	20.08	20.11	
5	256QAM	25	0	20.11	20.12	20.10	20.07	20.10	

<LTE Band 42_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	22.99	23.08	23.02	24.5
20	QPSK	1	49	22.93	22.99	22.89	
20	QPSK	1	99	22.84	22.89	22.78	
20	QPSK	50	0	22.05	22.01	22.04	23.5
20	QPSK	50	24	22.02	21.97	21.99	
20	QPSK	50	50	21.93	21.93	21.90	
20	QPSK	100	0	21.98	21.92	21.94	
20	16QAM	1	0	22.02	22.02	22.02	23.5
20	16QAM	1	49	21.94	21.96	21.90	
20	16QAM	1	99	21.79	21.91	21.74	
20	16QAM	50	0	20.97	21.02	21.05	22.5
20	16QAM	50	24	21.04	20.96	20.98	
20	16QAM	50	50	20.92	20.95	20.94	
20	16QAM	100	0	20.97	20.94	20.95	
20	64QAM	1	0	20.88	20.94	20.92	22.5
20	64QAM	1	49	20.95	21.01	20.92	
20	64QAM	1	99	20.68	20.80	20.80	
20	64QAM	50	0	19.96	19.98	20.05	21.5
20	64QAM	50	24	20.01	19.98	20.03	
20	64QAM	50	50	19.93	19.99	19.94	
20	64QAM	100	0	19.95	19.94	19.94	
20	256QAM	1	0	17.94	17.89	17.92	19.5
20	256QAM	1	49	17.89	17.84	17.91	
20	256QAM	1	99	17.88	17.90	17.85	
20	256QAM	50	0	17.80	17.80	17.80	19.5
20	256QAM	50	24	17.87	17.76	17.87	
20	256QAM	50	50	17.77	17.80	17.77	
20	256QAM	100	0	17.89	17.89	17.89	
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	22.89	22.97	22.90	24.5
15	QPSK	1	37	22.82	22.85	22.69	
15	QPSK	1	74	22.68	22.78	22.60	
15	QPSK	36	0	21.88	21.88	21.91	23.5
15	QPSK	36	20	21.87	21.77	21.88	
15	QPSK	36	39	21.78	21.78	21.72	
15	QPSK	75	0	21.80	21.79	21.77	
15	16QAM	1	0	21.91	21.82	21.87	23.5
15	16QAM	1	37	21.79	21.82	21.74	
15	16QAM	1	74	21.62	21.72	21.56	
15	16QAM	36	0	20.87	20.82	20.85	22.5
15	16QAM	36	20	20.94	20.81	20.83	
15	16QAM	36	39	20.80	20.81	20.84	
15	16QAM	75	0	20.82	20.81	20.85	
15	64QAM	1	0	20.74	20.81	20.76	22.5
15	64QAM	1	37	20.82	20.89	20.77	
15	64QAM	1	74	20.55	20.68	20.64	
15	64QAM	36	0	19.83	19.87	19.90	21.5
15	64QAM	36	20	19.83	19.78	19.86	
15	64QAM	36	39	19.75	19.89	19.82	
15	64QAM	75	0	19.83	19.77	19.79	
15	256QAM	1	0	17.75	17.69	17.75	19.5
15	256QAM	1	37	17.71	17.65	17.76	
15	256QAM	1	74	17.78	17.77	17.66	
15	256QAM	36	0	17.69	17.70	17.68	19.5

15	256QAM	36	20	17.75	17.59	17.74	
15	256QAM	36	39	17.66	17.62	17.62	
15	256QAM	75	0	17.72	17.79	17.74	
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	22.79	22.96	22.83	24.5
10	QPSK	1	25	22.79	22.83	22.73	
10	QPSK	1	49	22.72	22.78	22.59	
10	QPSK	25	0	21.90	21.82	21.88	23.5
10	QPSK	25	12	21.87	21.80	21.82	
10	QPSK	25	25	21.80	21.73	21.78	
10	QPSK	50	0	21.80	21.80	21.77	
10	16QAM	1	0	21.85	21.91	21.85	23.5
10	16QAM	1	25	21.83	21.78	21.76	
10	16QAM	1	49	21.59	21.81	21.54	
10	16QAM	25	0	20.77	20.92	20.90	22.5
10	16QAM	25	12	20.88	20.86	20.85	
10	16QAM	25	25	20.74	20.82	20.82	
10	16QAM	50	0	20.77	20.80	20.84	
10	64QAM	1	0	20.73	20.76	20.76	22.5
10	64QAM	1	25	20.83	20.83	20.74	
10	64QAM	1	49	20.53	20.60	20.64	
10	64QAM	25	0	19.76	19.80	19.89	21.5
10	64QAM	25	12	19.81	19.83	19.93	
10	64QAM	25	25	19.82	19.86	19.83	
10	64QAM	50	0	19.76	19.81	19.74	
10	256QAM	1	0	17.77	17.71	17.80	19.5
10	256QAM	1	25	17.75	17.66	17.71	
10	256QAM	1	49	17.71	17.72	17.69	
10	256QAM	25	0	17.70	17.66	17.66	19.5
10	256QAM	25	12	17.71	17.57	17.68	
10	256QAM	25	25	17.60	17.60	17.64	
10	256QAM	50	0	17.70	17.73	17.72	
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	22.84	22.95	22.90	24.5
5	QPSK	1	12	22.76	22.86	22.76	
5	QPSK	1	24	22.68	22.79	22.65	
5	QPSK	12	0	21.87	21.87	21.92	23.5
5	QPSK	12	7	21.88	21.82	21.86	
5	QPSK	12	13	21.83	21.80	21.73	
5	QPSK	25	0	21.82	21.78	21.84	
5	16QAM	1	0	21.91	21.88	21.88	23.5
5	16QAM	1	12	21.79	21.86	21.79	
5	16QAM	1	24	21.60	21.74	21.64	
5	16QAM	12	0	20.84	20.84	20.85	22.5
5	16QAM	12	7	20.91	20.79	20.83	
5	16QAM	12	13	20.74	20.76	20.75	
5	16QAM	25	0	20.82	20.78	20.76	
5	64QAM	1	0	20.71	20.84	20.77	22.5
5	64QAM	1	12	20.82	20.86	20.82	
5	64QAM	1	24	20.51	20.65	20.60	
5	64QAM	12	0	19.83	19.88	19.94	21.5
5	64QAM	12	7	19.86	19.83	19.89	
5	64QAM	12	13	19.76	19.81	19.80	
5	64QAM	25	0	19.75	19.74	19.83	
5	256QAM	1	0	17.82	17.78	17.80	19.5
5	256QAM	1	12	17.75	17.65	17.80	
5	256QAM	1	24	17.72	17.80	17.72	
5	256QAM	12	0	17.66	17.70	17.62	19.5
5	256QAM	12	7	17.75	17.66	17.68	
5	256QAM	12	13	17.64	17.64	17.60	
5	256QAM	25	0	17.78	17.71	17.79	

<LTE Band 42_Ant MIMO2_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	19.78	19.86	19.68	21
20	QPSK	1	49	19.59	19.75	19.61	
20	QPSK	1	99	19.62	19.73	19.56	
20	QPSK	50	0	19.30	19.50	19.40	21
20	QPSK	50	24	19.29	19.48	19.31	
20	QPSK	50	50	19.40	19.55	19.39	
20	QPSK	100	0	19.29	19.46	19.30	
20	16QAM	1	0	19.27	19.45	19.26	21
20	16QAM	1	49	19.27	19.43	19.29	
20	16QAM	1	99	19.30	19.44	19.31	
20	16QAM	50	0	19.36	19.51	19.38	21
20	16QAM	50	24	19.28	19.46	19.28	
20	16QAM	50	50	19.37	19.55	19.44	
20	16QAM	100	0	19.31	19.45	19.28	
20	64QAM	1	0	19.73	19.85	19.74	21
20	64QAM	1	49	19.72	19.85	19.70	
20	64QAM	1	99	19.66	19.79	19.59	
20	64QAM	50	0	19.30	19.49	19.30	21
20	64QAM	50	24	19.42	19.53	19.37	
20	64QAM	50	50	19.34	19.52	19.41	
20	64QAM	100	0	19.28	19.41	19.30	
20	256QAM	1	0	18.23	18.35	18.22	19.5
20	256QAM	1	49	18.39	18.50	18.39	
20	256QAM	1	99	18.24	18.42	18.29	
20	256QAM	50	0	18.46	18.62	18.47	19.5
20	256QAM	50	24	18.48	18.65	18.48	
20	256QAM	50	50	18.49	18.64	18.44	
20	256QAM	100	0	18.57	18.67	18.52	
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	19.60	19.72	19.56	21
15	QPSK	1	37	19.46	19.57	19.48	
15	QPSK	1	74	19.52	19.56	19.41	
15	QPSK	36	0	19.14	19.35	19.21	21
15	QPSK	36	20	19.13	19.36	19.20	
15	QPSK	36	39	19.29	19.38	19.28	
15	QPSK	75	0	19.09	19.26	19.20	
15	16QAM	1	0	19.14	19.33	19.16	21
15	16QAM	1	37	19.16	19.27	19.10	
15	16QAM	1	74	19.19	19.26	19.19	
15	16QAM	36	0	19.19	19.35	19.21	21
15	16QAM	36	20	19.13	19.32	19.10	
15	16QAM	36	39	19.24	19.39	19.28	
15	16QAM	75	0	19.17	19.28	19.14	
15	64QAM	1	0	19.54	19.75	19.63	21
15	64QAM	1	37	19.52	19.74	19.60	
15	64QAM	1	74	19.51	19.61	19.39	
15	64QAM	36	0	19.15	19.33	19.16	21
15	64QAM	36	20	19.29	19.35	19.25	
15	64QAM	36	39	19.17	19.41	19.24	
15	64QAM	75	0	19.15	19.27	19.11	
15	256QAM	1	0	18.09	18.23	18.02	19.5
15	256QAM	1	37	18.26	18.31	18.25	
15	256QAM	1	74	18.11	18.22	18.16	
15	256QAM	36	0	18.34	18.51	18.29	19.5

15	256QAM	36	20	18.33	18.47	18.38	
15	256QAM	36	39	18.34	18.50	18.26	
15	256QAM	75	0	18.40	18.52	18.37	
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	19.65	19.69	19.52	21
10	QPSK	1	25	19.41	19.61	19.51	
10	QPSK	1	49	19.44	19.62	19.44	
10	QPSK	25	0	19.16	19.32	19.22	21
10	QPSK	25	12	19.10	19.29	19.15	
10	QPSK	25	25	19.22	19.41	19.21	
10	QPSK	50	0	19.10	19.35	19.17	
10	16QAM	1	0	19.14	19.28	19.13	21
10	16QAM	1	25	19.07	19.30	19.10	
10	16QAM	1	49	19.11	19.33	19.21	
10	16QAM	25	0	19.24	19.32	19.18	21
10	16QAM	25	12	19.18	19.33	19.15	
10	16QAM	25	25	19.25	19.36	19.31	
10	16QAM	50	0	19.20	19.27	19.11	
10	64QAM	1	0	19.58	19.67	19.62	21
10	64QAM	1	25	19.55	19.66	19.55	
10	64QAM	1	49	19.47	19.63	19.40	
10	64QAM	25	0	19.18	19.30	19.17	21
10	64QAM	25	12	19.23	19.34	19.24	
10	64QAM	25	25	19.16	19.33	19.30	
10	64QAM	50	0	19.17	19.25	19.17	
10	256QAM	1	0	18.03	18.15	18.03	19.5
10	256QAM	1	25	18.27	18.38	18.29	
10	256QAM	1	49	18.09	18.29	18.13	
10	256QAM	25	0	18.33	18.44	18.35	19.5
10	256QAM	25	12	18.34	18.46	18.35	
10	256QAM	25	25	18.33	18.54	18.30	
10	256QAM	50	0	18.45	18.55	18.34	
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	19.63	19.75	19.49	21
5	QPSK	1	12	19.41	19.56	19.50	
5	QPSK	1	24	19.44	19.55	19.44	
5	QPSK	12	0	19.12	19.34	19.26	21
5	QPSK	12	7	19.11	19.28	19.19	
5	QPSK	12	13	19.30	19.37	19.22	
5	QPSK	25	0	19.19	19.35	19.10	
5	16QAM	1	0	19.09	19.27	19.15	21
5	16QAM	1	12	19.12	19.32	19.13	
5	16QAM	1	24	19.14	19.27	19.11	
5	16QAM	12	0	19.16	19.41	19.18	21
5	16QAM	12	7	19.12	19.26	19.18	
5	16QAM	12	13	19.22	19.43	19.26	
5	16QAM	25	0	19.16	19.34	19.18	
5	64QAM	1	0	19.61	19.73	19.57	21
5	64QAM	1	12	19.60	19.66	19.54	
5	64QAM	1	24	19.52	19.65	19.47	
5	64QAM	12	0	19.14	19.36	19.15	21
5	64QAM	12	7	19.23	19.41	19.27	
5	64QAM	12	13	19.19	19.40	19.23	
5	64QAM	25	0	19.08	19.21	19.17	
5	256QAM	1	0	18.09	18.17	18.10	19.5
5	256QAM	1	12	18.20	18.40	18.22	
5	256QAM	1	24	18.06	18.23	18.19	
5	256QAM	12	0	18.29	18.48	18.27	19.5
5	256QAM	12	7	18.34	18.47	18.33	
5	256QAM	12	13	18.29	18.45	18.27	
5	256QAM	25	0	18.42	18.52	18.33	

<LTE Band 43_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43690	44090	44490	
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	23.03	23.04	23.02	24.5
20	QPSK	1	49	22.93	22.90	22.89	
20	QPSK	1	99	22.73	22.80	22.71	
20	QPSK	50	0	22.04	22.08	22.07	23.5
20	QPSK	50	24	21.98	22.01	21.99	
20	QPSK	50	50	21.87	21.85	21.88	
20	QPSK	100	0	21.94	21.96	21.94	
20	16QAM	1	0	22.06	22.02	22.01	23.5
20	16QAM	1	49	21.98	21.93	21.95	
20	16QAM	1	99	21.71	21.74	21.81	
20	16QAM	50	0	21.09	21.07	21.08	22.5
20	16QAM	50	24	20.99	21.03	21.02	
20	16QAM	50	50	20.90	20.90	20.91	
20	16QAM	100	0	20.98	20.98	20.98	
20	64QAM	1	0	20.99	21.05	21.00	22.5
20	64QAM	1	49	20.86	20.88	20.92	
20	64QAM	1	99	20.79	20.67	20.69	
20	64QAM	50	0	20.05	20.08	20.05	21.5
20	64QAM	50	24	19.99	20.03	20.00	
20	64QAM	50	50	19.91	19.87	19.88	
20	64QAM	100	0	19.97	19.98	19.95	
20	256QAM	1	0	17.76	17.78	17.79	19.5
20	256QAM	1	49	17.86	17.85	17.85	
20	256QAM	1	99	17.85	17.84	17.86	
20	256QAM	50	0	17.91	17.91	17.88	19.5
20	256QAM	50	24	17.92	17.90	17.91	
20	256QAM	50	50	17.93	17.89	17.89	
20	256QAM	100	0	17.92	17.86	17.86	
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	22.91	22.84	22.84	24.5
15	QPSK	1	37	22.75	22.70	22.78	
15	QPSK	1	74	22.53	22.65	22.54	
15	QPSK	36	0	21.87	21.93	21.93	23.5
15	QPSK	36	20	21.80	21.84	21.81	
15	QPSK	36	39	21.77	21.71	21.76	
15	QPSK	75	0	21.77	21.85	21.84	
15	16QAM	1	0	21.91	21.91	21.87	23.5
15	16QAM	1	37	21.87	21.83	21.83	
15	16QAM	1	74	21.52	21.54	21.63	
15	16QAM	36	0	20.97	20.89	20.94	22.5
15	16QAM	36	20	20.86	20.91	20.86	
15	16QAM	36	39	20.71	20.76	20.80	
15	16QAM	75	0	20.80	20.86	20.87	
15	64QAM	1	0	20.79	20.91	20.83	22.5
15	64QAM	1	37	20.76	20.73	20.72	
15	64QAM	1	74	20.66	20.54	20.57	
15	64QAM	36	0	19.92	19.93	19.89	21.5
15	64QAM	36	20	19.82	19.89	19.85	
15	64QAM	36	39	19.74	19.75	19.69	

15	64QAM	75	0	19.81	19.87	19.79	
15	256QAM	1	0	17.71	17.70	17.71	19.5
15	256QAM	1	37	17.81	17.80	17.79	
15	256QAM	1	74	17.80	17.79	17.78	
15	256QAM	36	0	17.84	17.85	17.79	19.5
15	256QAM	36	20	17.86	17.82	17.84	
15	256QAM	36	39	17.85	17.83	17.82	
15	256QAM	75	0	17.84	17.77	17.81	
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	22.86	22.92	22.83	24.5
10	QPSK	1	25	22.73	22.77	22.76	
10	QPSK	1	49	22.63	22.63	22.52	
10	QPSK	25	0	21.85	21.95	21.93	23.5
10	QPSK	25	12	21.85	21.91	21.83	
10	QPSK	25	25	21.67	21.71	21.68	
10	QPSK	50	0	21.79	21.83	21.74	
10	16QAM	1	0	21.86	21.85	21.83	23.5
10	16QAM	1	25	21.88	21.77	21.81	
10	16QAM	1	49	21.56	21.61	21.67	
10	16QAM	25	0	20.95	20.97	20.92	22.5
10	16QAM	25	12	20.89	20.87	20.87	
10	16QAM	25	25	20.73	20.78	20.79	
10	16QAM	50	0	20.82	20.84	20.87	
10	64QAM	1	0	20.79	20.90	20.86	22.5
10	64QAM	1	25	20.70	20.74	20.74	
10	64QAM	1	49	20.68	20.60	20.60	
10	64QAM	25	0	19.85	19.90	19.92	21.5
10	64QAM	25	12	19.89	19.90	19.81	
10	64QAM	25	25	19.75	19.73	19.76	
10	64QAM	50	0	19.80	19.83	19.85	
10	256QAM	1	0	17.67	17.71	17.74	19.5
10	256QAM	1	25	17.81	17.77	17.78	
10	256QAM	1	49	17.76	17.77	17.79	
10	256QAM	25	0	17.83	17.85	17.79	19.5
10	256QAM	25	12	17.85	17.82	17.84	
10	256QAM	25	25	17.88	17.82	17.81	
10	256QAM	50	0	17.85	17.78	17.80	
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	22.90	22.87	22.86	24.5
5	QPSK	1	12	22.76	22.77	22.70	
5	QPSK	1	24	22.54	22.62	22.57	
5	QPSK	12	0	21.87	21.98	21.89	23.5
5	QPSK	12	7	21.81	21.82	21.83	
5	QPSK	12	13	21.71	21.65	21.74	
5	QPSK	25	0	21.76	21.82	21.83	
5	16QAM	1	0	21.94	21.91	21.86	23.5
5	16QAM	1	12	21.82	21.83	21.78	
5	16QAM	1	24	21.57	21.55	21.63	
5	16QAM	12	0	20.90	20.96	20.92	22.5
5	16QAM	12	7	20.80	20.88	20.83	
5	16QAM	12	13	20.70	20.73	20.71	
5	16QAM	25	0	20.78	20.80	20.78	
5	64QAM	1	0	20.87	20.88	20.83	22.5
5	64QAM	1	12	20.66	20.78	20.79	

5	64QAM	1	24	20.69	20.60	20.57	
5	64QAM	12	0	19.94	19.93	19.93	21.5
5	64QAM	12	7	19.86	19.88	19.90	
5	64QAM	12	13	19.81	19.75	19.71	
5	64QAM	25	0	19.81	19.79	19.77	
5	256QAM	1	0	17.69	17.70	17.72	19.5
5	256QAM	1	12	17.78	17.77	17.80	
5	256QAM	1	24	17.77	17.77	17.80	
5	256QAM	12	0	17.85	17.83	17.80	19.5
5	256QAM	12	7	17.83	17.85	17.84	
5	256QAM	12	13	17.86	17.81	17.82	
5	256QAM	25	0	17.87	17.77	17.77	

<LTE Band 43_Ant MIMO2_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43690	44090	44490	
Frequency (MHz)				3610	3650	3690	
20	QPSK	1	0	22.42	22.50	22.38	23.5
20	QPSK	1	49	22.28	22.43	22.32	
20	QPSK	1	99	22.29	22.39	22.24	
20	QPSK	50	0	22.03	22.22	22.11	23.5
20	QPSK	50	24	22.05	22.23	22.03	
20	QPSK	50	50	22.05	22.18	22.08	
20	QPSK	100	0	22.07	22.22	22.03	
20	16QAM	1	0	22.29	22.43	22.26	23.5
20	16QAM	1	49	22.31	22.47	22.33	
20	16QAM	1	99	22.20	22.40	22.28	
20	16QAM	50	0	21.24	21.44	21.34	22.5
20	16QAM	50	24	21.38	21.50	21.34	
20	16QAM	50	50	21.31	21.46	21.28	
20	16QAM	100	0	21.12	21.32	21.14	
20	64QAM	1	0	21.41	21.60	21.50	22.5
20	64QAM	1	49	21.44	21.59	21.48	
20	64QAM	1	99	21.41	21.60	21.40	
20	64QAM	50	0	20.28	20.43	20.25	21.5
20	64QAM	50	24	20.29	20.42	20.27	
20	64QAM	50	50	20.26	20.40	20.21	
20	64QAM	100	0	20.16	20.35	20.22	
20	256QAM	1	0	18.24	18.44	18.31	19.5
20	256QAM	1	49	18.28	18.47	18.34	
20	256QAM	1	99	18.22	18.42	18.22	
20	256QAM	50	0	18.18	18.36	18.19	19.5
20	256QAM	50	24	18.20	18.32	18.14	
20	256QAM	50	50	18.13	18.32	18.14	
20	256QAM	100	0	18.19	18.36	18.23	
Channel				43665	44090	44515	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3650	3692.5	
15	QPSK	1	0	22.29	22.32	22.18	23.5
15	QPSK	1	37	22.09	22.30	22.13	
15	QPSK	1	74	22.18	22.24	22.13	
15	QPSK	36	0	21.92	22.09	21.98	23.5
15	QPSK	36	20	21.88	22.03	21.85	
15	QPSK	36	39	21.92	22.05	21.94	
15	QPSK	75	0	21.92	22.11	21.83	
15	16QAM	1	0	22.19	22.23	22.16	23.5

15	16QAM	1	37	22.15	22.35	22.13	
15	16QAM	1	74	22.03	22.20	22.15	
15	16QAM	36	0	21.09	21.29	21.20	22.5
15	16QAM	36	20	21.26	21.33	21.23	
15	16QAM	36	39	21.19	21.35	21.13	
15	16QAM	75	0	21.01	21.12	20.96	
15	64QAM	1	0	21.22	21.42	21.38	22.5
15	64QAM	1	37	21.34	21.40	21.33	
15	64QAM	1	74	21.28	21.41	21.27	
15	64QAM	36	0	20.14	20.33	20.07	21.5
15	64QAM	36	20	20.18	20.22	20.11	
15	64QAM	36	39	20.12	20.30	20.10	
15	64QAM	75	0	20.04	20.18	20.12	
15	256QAM	1	0	18.06	18.25	18.19	19.5
15	256QAM	1	37	18.14	18.35	18.19	
15	256QAM	1	74	18.09	18.28	18.11	
15	256QAM	36	0	18.05	18.17	18.03	19.5
15	256QAM	36	20	18.09	18.20	17.97	
15	256QAM	36	39	18.03	18.20	17.94	
15	256QAM	75	0	18.00	18.24	18.13	
Channel				43640	44090	44540	Tune-up limit (dBm)
Frequency (MHz)				3605	3650	3695	
10	QPSK	1	0	22.27	22.39	22.27	23.5
10	QPSK	1	25	22.15	22.29	22.17	
10	QPSK	1	49	22.09	22.27	22.12	
10	QPSK	25	0	21.90	22.05	21.96	23.5
10	QPSK	25	12	21.87	22.09	21.90	
10	QPSK	25	25	21.89	22.06	21.95	
10	QPSK	50	0	21.91	22.05	21.89	
10	16QAM	1	0	22.10	22.32	22.06	23.5
10	16QAM	1	25	22.15	22.29	22.13	
10	16QAM	1	49	22.07	22.23	22.12	
10	16QAM	25	0	21.04	21.27	21.20	22.5
10	16QAM	25	12	21.18	21.38	21.23	
10	16QAM	25	25	21.18	21.32	21.17	
10	16QAM	50	0	20.95	21.22	20.98	
10	64QAM	1	0	21.29	21.45	21.36	22.5
10	64QAM	1	25	21.32	21.48	21.37	
10	64QAM	1	49	21.28	21.46	21.30	
10	64QAM	25	0	20.16	20.31	20.13	21.5
10	64QAM	25	12	20.15	20.22	20.07	
10	64QAM	25	25	20.14	20.23	20.07	
10	64QAM	50	0	20.03	20.17	20.07	
10	256QAM	1	0	18.12	18.29	18.20	19.5
10	256QAM	1	25	18.11	18.33	18.20	
10	256QAM	1	49	18.10	18.30	18.06	
10	256QAM	25	0	18.03	18.20	18.07	19.5
10	256QAM	25	12	18.07	18.22	17.97	
10	256QAM	25	25	17.98	18.15	17.99	
10	256QAM	50	0	18.06	18.21	18.03	
Channel				43615	44090	44565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3650	3697.5	
5	QPSK	1	0	22.29	22.38	22.24	23.5
5	QPSK	1	12	22.14	22.26	22.18	
5	QPSK	1	24	22.19	22.28	22.10	
5	QPSK	12	0	21.91	22.04	22.01	23.5

5	QPSK	12	7	21.91	22.12	21.89	
5	QPSK	12	13	21.89	22.01	21.90	
5	QPSK	25	0	21.90	22.04	21.87	
5	16QAM	1	0	22.11	22.31	22.12	23.5
5	16QAM	1	12	22.16	22.36	22.18	
5	16QAM	1	24	22.06	22.26	22.10	
5	16QAM	12	0	21.04	21.34	21.24	22.5
5	16QAM	12	7	21.19	21.33	21.16	
5	16QAM	12	13	21.19	21.34	21.13	
5	16QAM	25	0	20.96	21.14	21.01	
5	64QAM	1	0	21.31	21.46	21.32	22.5
5	64QAM	1	12	21.30	21.43	21.38	
5	64QAM	1	24	21.23	21.42	21.21	
5	64QAM	12	0	20.16	20.31	20.07	21.5
5	64QAM	12	7	20.13	20.32	20.16	
5	64QAM	12	13	20.13	20.26	20.01	
5	64QAM	25	0	20.00	20.22	20.05	
5	256QAM	1	0	18.12	18.30	18.19	19.5
5	256QAM	1	12	18.17	18.33	18.23	
5	256QAM	1	24	18.08	18.29	18.11	
5	256QAM	12	0	17.98	18.19	18.07	19.5
5	256QAM	12	7	18.10	18.19	17.95	
5	256QAM	12	13	17.96	18.14	18.04	
5	256QAM	25	0	18.07	18.22	18.08	

<LTE Band 43_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				44690	45090	45490	
Frequency (MHz)				3710	3750	3790	
20	QPSK	1	0	22.97	23.05	22.95	24.5
20	QPSK	1	49	22.86	22.86	22.80	
20	QPSK	1	99	22.74	22.71	22.65	
20	QPSK	50	0	22.02	22.03	21.97	23.5
20	QPSK	50	24	21.94	21.97	21.90	
20	QPSK	50	50	21.83	21.84	21.75	
20	QPSK	100	0	21.91	21.99	21.87	
20	16QAM	1	0	22.03	22.02	21.93	23.5
20	16QAM	1	49	21.87	21.91	21.80	
20	16QAM	1	99	21.65	21.67	21.60	
20	16QAM	50	0	21.01	21.00	21.00	22.5
20	16QAM	50	24	20.95	20.98	20.91	
20	16QAM	50	50	20.83	20.85	20.83	
20	16QAM	100	0	20.91	20.92	20.87	
20	64QAM	1	0	20.93	21.01	20.92	22.5
20	64QAM	1	49	20.83	20.81	20.82	
20	64QAM	1	99	20.65	20.72	20.68	
20	64QAM	50	0	20.04	20.01	19.97	21.5
20	64QAM	50	24	19.98	19.96	19.94	
20	64QAM	50	50	19.80	19.88	19.80	
20	64QAM	100	0	19.88	19.93	19.87	
20	256QAM	1	0	17.77	17.74	17.73	19.5
20	256QAM	1	49	17.79	17.84	17.84	
20	256QAM	1	99	17.73	17.66	17.74	
20	256QAM	50	0	17.87	17.85	17.83	19.5
20	256QAM	50	24	17.91	17.93	17.92	
20	256QAM	50	50	17.93	17.87	17.89	
20	256QAM	100	0	17.86	17.86	17.86	

Channel				44665	45090	45515	Tune-up limit (dBm)
Frequency (MHz)				3707.5	3750	3792.5	
15	QPSK	1	0	22.87	22.92	22.88	24.5
15	QPSK	1	37	22.73	22.77	22.74	
15	QPSK	1	74	22.60	22.67	22.60	
15	QPSK	36	0	21.85	21.96	21.90	23.5
15	QPSK	36	20	21.80	21.84	21.89	
15	QPSK	36	39	21.73	21.67	21.75	
15	QPSK	75	0	21.77	21.84	21.74	
15	16QAM	1	0	21.87	21.89	21.86	23.5
15	16QAM	1	37	21.87	21.77	21.79	
15	16QAM	1	74	21.59	21.60	21.69	
15	16QAM	36	0	20.92	20.89	20.91	22.5
15	16QAM	36	20	20.83	20.90	20.92	
15	16QAM	36	39	20.79	20.73	20.77	
15	16QAM	75	0	20.86	20.78	20.80	
15	64QAM	1	0	20.87	20.88	20.89	22.5
15	64QAM	1	37	20.70	20.77	20.79	
15	64QAM	1	74	20.66	20.54	20.56	
15	64QAM	36	0	19.90	19.94	19.88	21.5
15	64QAM	36	20	19.80	19.87	19.90	
15	64QAM	36	39	19.78	19.68	19.69	
15	64QAM	75	0	19.86	19.87	19.77	
15	256QAM	1	0	17.67	17.65	17.66	19.5
15	256QAM	1	37	17.70	17.78	17.74	
15	256QAM	1	74	17.64	17.56	17.67	
15	256QAM	36	0	17.79	17.77	17.77	19.5
15	256QAM	36	20	17.85	17.84	17.86	
15	256QAM	36	39	17.86	17.80	17.80	
15	256QAM	75	0	17.81	17.80	17.77	
Channel				44640	45090	45540	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	QPSK	1	0	22.93	22.91	22.88	24.5
10	QPSK	1	25	22.83	22.71	22.70	
10	QPSK	1	49	22.55	22.70	22.59	
10	QPSK	25	0	21.87	21.96	21.96	23.5
10	QPSK	25	12	21.82	21.82	21.87	
10	QPSK	25	25	21.68	21.75	21.74	
10	QPSK	50	0	21.77	21.76	21.76	
10	16QAM	1	0	21.87	21.85	21.89	23.5
10	16QAM	1	25	21.81	21.75	21.85	
10	16QAM	1	49	21.59	21.62	21.66	
10	16QAM	25	0	20.93	20.97	20.92	22.5
10	16QAM	25	12	20.83	20.85	20.92	
10	16QAM	25	25	20.71	20.76	20.72	
10	16QAM	50	0	20.85	20.86	20.82	
10	64QAM	1	0	20.81	20.95	20.87	22.5
10	64QAM	1	25	20.76	20.72	20.81	
10	64QAM	1	49	20.68	20.51	20.53	
10	64QAM	25	0	19.89	19.89	19.88	21.5
10	64QAM	25	12	19.87	19.85	19.80	
10	64QAM	25	25	19.81	19.70	19.77	
10	64QAM	50	0	19.78	19.79	19.80	
10	256QAM	1	0	17.68	17.65	17.66	19.5
10	256QAM	1	25	17.69	17.78	17.79	
10	256QAM	1	49	17.63	17.57	17.68	
10	256QAM	25	0	17.80	17.77	17.76	19.5
10	256QAM	25	12	17.86	17.83	17.86	
10	256QAM	25	25	17.84	17.81	17.83	
10	256QAM	50	0	17.78	17.80	17.77	
Channel				44615	45090	45565	Tune-up limit (dBm)
Frequency (MHz)				3702.5	3750	3797.5	
5	QPSK	1	0	22.86	22.84	22.92	24.5

5	QPSK	1	12	22.73	22.78	22.74	
5	QPSK	1	24	22.57	22.62	22.59	
5	QPSK	12	0	21.85	21.98	21.96	23.5
5	QPSK	12	7	21.78	21.86	21.87	
5	QPSK	12	13	21.69	21.74	21.72	
5	QPSK	25	0	21.80	21.84	21.83	
5	16QAM	1	0	21.92	21.87	21.82	23.5
5	16QAM	1	12	21.87	21.78	21.83	
5	16QAM	1	24	21.53	21.64	21.65	
5	16QAM	12	0	20.96	20.90	20.92	22.5
5	16QAM	12	7	20.85	20.86	20.92	
5	16QAM	12	13	20.79	20.70	20.77	
5	16QAM	25	0	20.78	20.80	20.78	
5	64QAM	1	0	20.82	20.92	20.83	22.5
5	64QAM	1	12	20.66	20.69	20.74	
5	64QAM	1	24	20.62	20.54	20.53	
5	64QAM	12	0	19.86	19.97	19.86	21.5
5	64QAM	12	7	19.85	19.85	19.82	
5	64QAM	12	13	19.80	19.71	19.77	
5	64QAM	25	0	19.86	19.85	19.85	
5	256QAM	1	0	17.67	17.66	17.63	19.5
5	256QAM	1	12	17.72	17.74	17.79	
5	256QAM	1	24	17.67	17.61	17.66	
5	256QAM	12	0	17.82	17.80	17.74	19.5
5	256QAM	12	7	17.85	17.84	17.83	
5	256QAM	12	13	17.83	17.80	17.79	
5	256QAM	25	0	17.76	17.80	17.80	

<LTE Band 43_Ant MIMO2_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				44690	45090	45490	
Frequency (MHz)				3710	3750	3790	
20	QPSK	1	0	22.32	22.40	22.24	23.5
20	QPSK	1	49	22.10	22.30	22.19	
20	QPSK	1	99	22.18	22.28	22.08	
20	QPSK	50	0	21.98	22.11	21.92	23.5
20	QPSK	50	24	21.94	22.10	21.94	
20	QPSK	50	50	21.86	22.05	21.91	
20	QPSK	100	0	21.92	22.09	21.92	
20	16QAM	1	0	22.13	22.31	22.12	23.5
20	16QAM	1	49	22.26	22.37	22.21	
20	16QAM	1	99	22.14	22.28	22.10	
20	16QAM	50	0	21.20	21.30	21.14	22.5
20	16QAM	50	24	21.28	21.38	21.24	
20	16QAM	50	50	21.14	21.33	21.19	
20	16QAM	100	0	21.06	21.26	21.09	
20	64QAM	1	0	21.34	21.45	21.26	22.5
20	64QAM	1	49	21.40	21.52	21.39	
20	64QAM	1	99	21.28	21.46	21.26	
20	64QAM	50	0	20.19	20.34	20.19	21.5
20	64QAM	50	24	20.19	20.30	20.18	
20	64QAM	50	50	20.06	20.26	20.10	
20	64QAM	100	0	20.11	20.22	20.12	
20	256QAM	1	0	18.17	18.32	18.18	19.5
20	256QAM	1	49	18.23	18.40	18.29	
20	256QAM	1	99	18.06	18.25	18.12	
20	256QAM	50	0	18.06	18.22	18.11	19.5
20	256QAM	50	24	18.12	18.23	18.11	
20	256QAM	50	50	18.07	18.18	18.02	

20	256QAM	100	0	18.06	18.24	18.04	
Channel				44665	45090	45515	Tune-up limit (dBm)
Frequency (MHz)				3707.5	3750	3792.5	
15	QPSK	1	0	22.12	22.20	22.14	23.5
15	QPSK	1	37	21.99	22.11	22.00	
15	QPSK	1	74	22.08	22.11	21.97	
15	QPSK	36	0	21.86	22.01	21.78	23.5
15	QPSK	36	20	21.82	21.92	21.77	
15	QPSK	36	39	21.70	21.92	21.76	
15	QPSK	75	0	21.78	21.89	21.74	
15	16QAM	1	0	21.94	22.16	22.01	23.5
15	16QAM	1	37	22.10	22.20	22.01	
15	16QAM	1	74	22.03	22.17	21.98	
15	16QAM	36	0	21.03	21.13	21.03	22.5
15	16QAM	36	20	21.11	21.28	21.06	
15	16QAM	36	39	20.97	21.14	21.07	
15	16QAM	75	0	20.90	21.16	20.91	
15	64QAM	1	0	21.21	21.25	21.08	22.5
15	64QAM	1	37	21.26	21.32	21.25	
15	64QAM	1	74	21.15	21.35	21.13	
15	64QAM	36	0	20.09	20.21	20.07	21.5
15	64QAM	36	20	20.07	20.13	20.04	
15	64QAM	36	39	19.94	20.10	19.94	
15	64QAM	75	0	19.91	20.05	19.98	
15	256QAM	1	0	18.01	18.21	18.06	19.5
15	256QAM	1	37	18.06	18.29	18.15	
15	256QAM	1	74	17.89	18.07	17.99	
15	256QAM	36	0	17.88	18.11	17.99	19.5
15	256QAM	36	20	17.95	18.07	17.97	
15	256QAM	36	39	17.97	18.07	17.89	
15	256QAM	75	0	17.87	18.12	17.92	
Channel				44640	45090	45540	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	QPSK	1	0	22.21	22.22	22.12	23.5
10	QPSK	1	25	21.93	22.20	22.08	
10	QPSK	1	49	22.04	22.17	21.95	
10	QPSK	25	0	21.79	21.98	21.80	23.5
10	QPSK	25	12	21.82	22.00	21.79	
10	QPSK	25	25	21.72	21.90	21.71	
10	QPSK	50	0	21.82	21.94	21.82	
10	16QAM	1	0	22.02	22.14	21.93	23.5
10	16QAM	1	25	22.09	22.19	22.08	
10	16QAM	1	49	21.95	22.13	21.91	
10	16QAM	25	0	21.04	21.15	21.01	22.5
10	16QAM	25	12	21.13	21.28	21.14	
10	16QAM	25	25	21.04	21.20	21.02	
10	16QAM	50	0	20.87	21.12	20.99	
10	64QAM	1	0	21.18	21.32	21.15	22.5
10	64QAM	1	25	21.28	21.34	21.28	
10	64QAM	1	49	21.17	21.28	21.06	
10	64QAM	25	0	20.01	20.23	20.00	21.5
10	64QAM	25	12	20.01	20.14	19.99	
10	64QAM	25	25	19.90	20.11	19.99	
10	64QAM	50	0	19.99	20.05	19.95	
10	256QAM	1	0	18.04	18.15	18.06	19.5
10	256QAM	1	25	18.07	18.23	18.19	
10	256QAM	1	49	17.90	18.08	17.94	
10	256QAM	25	0	17.91	18.06	17.92	19.5
10	256QAM	25	12	18.02	18.13	17.92	

10	256QAM	25	25	17.97	17.98	17.82	
10	256QAM	50	0	17.89	18.04	17.87	
Channel				44615	45090	45565	Tune-up limit (dBm)
Frequency (MHz)				3702.5	3750	3797.5	
5	QPSK	1	0	22.12	22.23	22.09	23.5
5	QPSK	1	12	21.93	22.12	22.01	
5	QPSK	1	24	22.03	22.10	21.95	
5	QPSK	12	0	21.85	22.01	21.72	23.5
5	QPSK	12	7	21.84	22.00	21.83	
5	QPSK	12	13	21.66	21.95	21.77	
5	QPSK	25	0	21.78	21.98	21.82	
5	16QAM	1	0	22.00	22.12	21.96	23.5
5	16QAM	1	12	22.06	22.18	22.06	
5	16QAM	1	24	22.00	22.11	21.97	
5	16QAM	12	0	21.06	21.14	20.97	22.5
5	16QAM	12	7	21.11	21.18	21.04	
5	16QAM	12	13	21.00	21.19	21.02	
5	16QAM	25	0	20.86	21.10	20.94	
5	64QAM	1	0	21.18	21.26	21.06	22.5
5	64QAM	1	12	21.27	21.41	21.23	
5	64QAM	1	24	21.18	21.32	21.08	
5	64QAM	12	0	20.03	20.14	19.99	21.5
5	64QAM	12	7	20.07	20.12	20.07	
5	64QAM	12	13	19.94	20.08	19.91	
5	64QAM	25	0	19.96	20.05	19.99	
5	256QAM	1	0	18.06	18.16	17.98	19.5
5	256QAM	1	12	18.10	18.30	18.16	
5	256QAM	1	24	17.89	18.12	18.02	
5	256QAM	12	0	17.88	18.11	17.94	19.5
5	256QAM	12	7	17.96	18.09	18.00	
5	256QAM	12	13	17.87	18.01	17.83	
5	256QAM	25	0	17.96	18.06	17.86	

<LTE Band 48_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	20.63	20.68	20.73	20.59	21.8
20	QPSK	1	49	20.58	20.65	20.51	20.45	
20	QPSK	1	99	20.45	20.46	20.41	20.24	
20	QPSK	50	0	19.75	19.67	19.76	19.63	20.8
20	QPSK	50	24	19.70	19.59	19.66	19.54	
20	QPSK	50	50	19.61	19.51	19.55	19.44	
20	QPSK	100	0	19.64	19.55	19.60	19.51	
20	16QAM	1	0	19.65	19.63	19.68	19.59	20.8
20	16QAM	1	49	19.62	19.57	19.62	19.49	
20	16QAM	1	99	19.56	19.38	19.37	19.17	
20	16QAM	50	0	18.75	18.66	18.68	18.62	19.8
20	16QAM	50	24	18.71	18.63	18.62	18.55	
20	16QAM	50	50	18.60	18.52	18.57	18.44	
20	16QAM	100	0	18.67	18.57	18.61	18.51	
20	64QAM	1	0	18.69	18.66	18.68	18.43	19.8
20	64QAM	1	49	18.51	18.51	18.59	18.46	
20	64QAM	1	99	18.46	18.47	18.36	18.21	
20	64QAM	50	0	17.75	17.70	17.71	17.64	18.8
20	64QAM	50	24	17.69	17.62	17.67	17.54	
20	64QAM	50	50	17.60	17.50	17.60	17.44	
20	64QAM	100	0	17.61	17.57	17.63	17.52	

20	256QAM	1	0	15.44	15.48	15.63	15.51	16.8
20	256QAM	1	49	15.54	15.65	15.69	15.64	
20	256QAM	1	99	15.50	15.61	15.64	15.59	
20	256QAM	50	0	15.54	15.71	15.81	15.69	16.8
20	256QAM	50	24	15.62	15.73	15.82	15.75	
20	256QAM	50	50	15.57	15.77	15.79	15.72	
20	256QAM	100	0	15.57	15.68	15.74	15.70	
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	20.47	20.48	20.56	20.41	21.8
15	QPSK	1	37	20.42	20.49	20.35	20.29	
15	QPSK	1	74	20.29	20.29	20.26	20.09	
15	QPSK	36	0	19.60	19.48	19.47	19.43	20.8
15	QPSK	36	20	19.53	19.39	19.49	19.34	
15	QPSK	36	39	19.41	19.34	19.37	19.27	
15	QPSK	75	0	19.44	19.37	19.43	19.35	
15	16QAM	1	0	19.45	19.48	19.51	19.39	20.8
15	16QAM	1	37	19.45	19.37	19.45	19.30	
15	16QAM	1	74	19.41	19.18	19.18	18.99	
15	16QAM	36	0	18.60	18.46	18.49	18.46	19.8
15	16QAM	36	20	18.56	18.46	18.42	18.38	
15	16QAM	36	39	18.40	18.36	18.42	18.29	
15	16QAM	75	0	18.48	18.40	18.41	18.33	
15	64QAM	1	0	18.53	18.48	18.48	18.27	19.8
15	64QAM	1	37	18.36	18.31	18.43	18.26	
15	64QAM	1	74	18.30	18.29	18.19	18.04	
15	64QAM	36	0	17.58	17.55	17.53	17.44	18.8
15	64QAM	36	20	17.54	17.44	17.51	17.34	
15	64QAM	36	39	17.45	17.31	17.40	17.26	
15	64QAM	75	0	17.45	17.42	17.47	17.32	
15	256QAM	1	0	15.26	15.35	15.48	15.40	16.8
15	256QAM	1	37	15.44	15.45	15.59	15.46	
15	256QAM	1	74	15.36	15.48	15.54	15.45	
15	256QAM	36	0	15.42	15.54	15.66	15.54	16.8
15	256QAM	36	20	15.52	15.59	15.67	15.57	
15	256QAM	36	39	15.46	15.57	15.64	15.53	
15	256QAM	75	0	15.47	15.56	15.56	15.56	
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	20.46	20.49	20.58	20.44	21.8
10	QPSK	1	25	20.38	20.46	20.34	20.25	
10	QPSK	1	49	20.25	20.30	20.26	20.04	
10	QPSK	25	0	19.55	19.49	19.46	19.44	20.8
10	QPSK	25	12	19.54	19.43	19.48	19.36	
10	QPSK	25	25	19.44	19.36	19.38	19.26	
10	QPSK	50	0	19.44	19.38	19.41	19.34	
10	16QAM	1	0	19.50	19.44	19.49	19.39	20.8
10	16QAM	1	25	19.44	19.37	19.47	19.33	
10	16QAM	1	49	19.41	19.21	19.22	18.99	
10	16QAM	25	0	18.57	18.47	18.53	18.47	19.8
10	16QAM	25	12	18.51	18.48	18.45	18.37	
10	16QAM	25	25	18.42	18.33	18.40	18.25	
10	16QAM	50	0	18.49	18.40	18.43	18.33	
10	64QAM	1	0	18.52	18.50	18.53	18.28	19.8
10	64QAM	1	25	18.34	18.32	18.41	18.31	
10	64QAM	1	49	18.26	18.30	18.21	18.04	
10	64QAM	25	0	17.57	17.52	17.56	17.45	18.8
10	64QAM	25	12	17.53	17.42	17.50	17.39	
10	64QAM	25	25	17.45	17.32	17.42	17.25	
10	64QAM	50	0	17.44	17.37	17.46	17.37	
10	256QAM	1	0	15.31	15.38	15.48	15.40	16.8
10	256QAM	1	25	15.34	15.46	15.55	15.48	
10	256QAM	1	49	15.38	15.42	15.52	15.46	

10	256QAM	25	0	15.37	15.56	15.64	15.49	16.8
10	256QAM	25	12	15.51	15.63	15.67	15.56	
10	256QAM	25	25	15.42	15.59	15.68	15.52	
10	256QAM	50	0	15.45	15.48	15.56	15.60	
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	20.44	20.53	20.55	20.44	21.8
5	QPSK	1	12	20.40	20.48	20.32	20.30	
5	QPSK	1	24	20.30	20.30	20.22	20.08	
5	QPSK	12	0	19.57	19.49	19.50	19.48	20.8
5	QPSK	12	7	19.55	19.39	19.49	19.39	
5	QPSK	12	13	19.43	19.34	19.40	19.24	
5	QPSK	25	0	19.46	19.35	19.40	19.32	
5	16QAM	1	0	19.50	19.43	19.51	19.44	20.8
5	16QAM	1	12	19.43	19.38	19.42	19.31	
5	16QAM	1	24	19.40	19.23	19.19	18.98	
5	16QAM	12	0	18.59	18.46	18.53	18.44	19.8
5	16QAM	12	7	18.56	18.43	18.45	18.35	
5	16QAM	12	13	18.41	18.32	18.40	18.29	
5	16QAM	25	0	18.48	18.37	18.42	18.31	
5	64QAM	1	0	18.49	18.50	18.51	18.25	19.8
5	64QAM	1	12	18.35	18.32	18.39	18.28	
5	64QAM	1	24	18.28	18.32	18.16	18.01	
5	64QAM	12	0	17.56	17.51	17.55	17.49	18.8
5	64QAM	12	7	17.53	17.43	17.50	17.35	
5	64QAM	12	13	17.41	17.32	17.44	17.29	
5	64QAM	25	0	17.45	17.40	17.46	17.34	
5	256QAM	1	0	15.25	15.35	15.49	15.34	16.8
5	256QAM	1	12	15.38	15.52	15.59	15.54	
5	256QAM	1	24	15.40	15.44	15.48	15.42	
5	256QAM	12	0	15.41	15.53	15.69	15.57	16.8
5	256QAM	12	7	15.51	15.58	15.65	15.58	
5	256QAM	12	13	15.43	15.67	15.69	15.54	
5	256QAM	25	0	15.41	15.51	15.56	15.53	

<LTE Band 48_Ant MIMO2_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	19.22	19.30	19.26	19.18	20.5
20	QPSK	1	49	19.08	19.27	19.09	19.09	
20	QPSK	1	99	19.13	19.23	19.10	19.13	
20	QPSK	50	0	18.91	19.06	18.93	18.89	20.5
20	QPSK	50	24	18.98	19.11	18.94	18.97	
20	QPSK	50	50	18.90	19.03	18.86	18.90	
20	QPSK	100	0	18.83	19.03	18.83	18.89	
20	16QAM	1	0	19.04	19.23	19.03	19.06	20.5
20	16QAM	1	49	19.12	19.28	19.08	19.13	
20	16QAM	1	99	19.00	19.16	18.98	18.98	
20	16QAM	50	0	18.98	19.12	19.01	18.95	19.8
20	16QAM	50	24	18.96	19.16	19.02	19.04	
20	16QAM	50	50	18.98	19.12	18.93	19.01	
20	16QAM	100	0	18.84	19.02	18.90	18.85	
20	64QAM	1	0	19.10	19.22	19.09	19.04	19.8
20	64QAM	1	49	19.17	19.27	19.12	19.09	
20	64QAM	1	99	19.03	19.22	19.07	19.04	
20	64QAM	50	0	18.00	18.10	17.97	17.96	18.8
20	64QAM	50	24	17.94	18.08	17.91	17.97	
20	64QAM	50	50	17.90	18.05	17.86	17.94	
20	64QAM	100	0	17.86	18.02	17.87	17.87	

20	256QAM	1	0	15.80	15.98	15.87	15.78	16.8
20	256QAM	1	49	15.96	16.10	15.96	15.99	
20	256QAM	1	99	15.88	16.03	15.89	15.85	
20	256QAM	50	0	15.82	16.02	15.86	15.84	16.8
20	256QAM	50	24	15.92	16.03	15.92	15.85	
20	256QAM	50	50	15.81	15.99	15.87	15.81	
20	256QAM	100	0	15.82	16.02	15.87	15.86	
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	19.08	19.20	19.14	19.02	20.5
15	QPSK	1	37	18.91	19.07	18.92	18.95	
15	QPSK	1	74	18.99	19.12	18.96	18.96	
15	QPSK	36	0	18.71	18.94	18.81	18.79	20.5
15	QPSK	36	20	18.80	18.95	18.83	18.85	
15	QPSK	36	39	18.73	18.86	18.68	18.74	
15	QPSK	75	0	18.66	18.83	18.65	18.69	
15	16QAM	1	0	18.89	19.04	18.90	18.91	20.5
15	16QAM	1	37	18.97	19.11	18.92	19.01	
15	16QAM	1	74	18.85	19.00	18.78	18.83	
15	16QAM	36	0	18.79	19.01	18.89	18.84	19.8
15	16QAM	36	20	18.86	18.98	18.82	18.90	
15	16QAM	36	39	18.79	19.01	18.78	18.86	
15	16QAM	75	0	18.65	18.91	18.77	18.71	
15	64QAM	1	0	18.91	19.05	18.93	18.88	19.8
15	64QAM	1	37	19.03	19.09	19.00	18.89	
15	64QAM	1	74	18.83	19.06	18.92	18.88	
15	64QAM	36	0	17.90	17.91	17.77	17.76	18.8
15	64QAM	36	20	17.78	17.88	17.79	17.86	
15	64QAM	36	39	17.79	17.89	17.71	17.81	
15	64QAM	75	0	17.74	17.87	17.70	17.73	
15	256QAM	1	0	15.63	15.88	15.76	15.62	16.8
15	256QAM	1	37	15.83	15.98	15.85	15.82	
15	256QAM	1	74	15.77	15.86	15.77	15.65	
15	256QAM	36	0	15.71	15.87	15.76	15.64	16.8
15	256QAM	36	20	15.74	15.89	15.81	15.67	
15	256QAM	36	39	15.67	15.79	15.73	15.66	
15	256QAM	75	0	15.71	15.92	15.67	15.74	
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	19.1	19.13	19.08	19.06	20.5
10	QPSK	1	25	18.91	19.14	18.97	18.91	
10	QPSK	1	49	18.99	19.08	18.91	18.99	
10	QPSK	25	0	18.73	18.91	18.78	18.79	20.5
10	QPSK	25	12	18.80	18.94	18.75	18.86	
10	QPSK	25	25	18.73	18.85	18.74	18.74	
10	QPSK	50	0	18.67	18.93	18.64	18.78	
10	16QAM	1	0	18.84	19.12	18.93	18.96	20.5
10	16QAM	1	25	18.99	19.17	18.96	19.00	
10	16QAM	1	49	18.86	19.04	18.87	18.87	
10	16QAM	25	0	18.79	18.99	18.87	18.77	19.8
10	16QAM	25	12	18.82	19.00	18.91	18.90	
10	16QAM	25	25	18.79	19.00	18.83	18.86	
10	16QAM	50	0	18.68	18.91	18.75	18.74	
10	64QAM	1	0	18.92	19.07	18.99	18.86	19.8
10	64QAM	1	25	18.99	19.13	18.97	18.97	
10	64QAM	1	49	18.88	19.03	18.91	18.92	
10	64QAM	25	0	17.90	17.98	17.82	17.78	18.8
10	64QAM	25	12	17.75	17.89	17.80	17.85	
10	64QAM	25	25	17.79	17.85	17.68	17.84	
10	64QAM	50	0	17.69	17.83	17.70	17.70	
10	256QAM	1	0	15.66	15.78	15.73	15.67	16.8
10	256QAM	1	25	15.77	15.90	15.81	15.81	
10	256QAM	1	49	15.72	15.84	15.75	15.73	

10	256QAM	25	0	15.71	15.83	15.66	15.74	16.8
10	256QAM	25	12	15.77	15.89	15.75	15.66	
10	256QAM	25	25	15.67	15.84	15.71	15.61	
10	256QAM	50	0	15.69	15.84	15.71	15.73	
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	19.03	19.10	19.14	19.03	20.5
5	QPSK	1	12	18.92	19.15	18.94	18.99	
5	QPSK	1	24	18.96	19.06	18.92	18.99	
5	QPSK	12	0	18.80	18.92	18.77	18.70	20.5
5	QPSK	12	7	18.81	19.01	18.81	18.79	
5	QPSK	12	13	18.77	18.85	18.75	18.78	
5	QPSK	25	0	18.63	18.84	18.70	18.73	
5	16QAM	1	0	18.92	19.09	18.92	18.96	20.5
5	16QAM	1	12	18.99	19.15	18.91	18.99	
5	16QAM	1	24	18.81	18.97	18.87	18.78	
5	16QAM	12	0	18.83	18.93	18.88	18.78	19.8
5	16QAM	12	7	18.76	19.02	18.86	18.90	
5	16QAM	12	13	18.86	18.99	18.78	18.91	
5	16QAM	25	0	18.64	18.91	18.73	18.71	
5	64QAM	1	0	18.94	19.06	18.93	18.85	19.8
5	64QAM	1	12	19.02	19.16	18.93	18.98	
5	64QAM	1	24	18.88	19.08	18.89	18.85	
5	64QAM	12	0	17.81	17.91	17.77	17.82	18.8
5	64QAM	12	7	17.82	17.90	17.80	17.82	
5	64QAM	12	13	17.72	17.91	17.66	17.81	
5	64QAM	25	0	17.66	17.90	17.68	17.67	
5	256QAM	1	0	15.65	15.86	15.73	15.64	16.8
5	256QAM	1	12	15.77	15.91	15.77	15.87	
5	256QAM	1	24	15.68	15.88	15.73	15.70	
5	256QAM	12	0	15.70	15.84	15.75	15.65	16.8
5	256QAM	12	7	15.75	15.89	15.79	15.69	
5	256QAM	12	13	15.61	15.88	15.69	15.62	
5	256QAM	25	0	15.69	15.90	15.75	15.69	

<FR1 n2_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	23.97	23.99	23.98	24.6
40	PI/2 BPSK	1	108	23.72	23.84	23.73	
40	PI/2 BPSK	1	214	23.72	23.83	23.71	
40	PI/2 BPSK	108	0	23.17	23.27	23.08	24.1
40	PI/2 BPSK	108	54	23.76	23.87	23.71	24.6
40	PI/2 BPSK	108	108	23.24	23.38	23.19	24.1
40	PI/2 BPSK	216	0	23.26	23.38	23.25	
40	QPSK	1	1	23.61	23.80	23.64	24.6
40	QPSK	1	108	23.61	23.80	23.61	
40	QPSK	1	214	23.73	23.93	23.78	
40	QPSK	108	0	22.59	22.77	22.59	23.6
40	QPSK	108	54	23.72	23.82	23.65	24.6
40	QPSK	108	108	22.69	22.85	22.71	23.6
40	QPSK	216	0	22.63	22.80	22.60	
40	16QAM	1	1	22.56	22.71	22.59	23.6
40	64QAM	1	1	21.08	21.24	21.10	22.1
40	256QAM	1	1	18.97	19.15	19.05	20.1
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	23.84	23.80	23.79	24.6

Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	23.84	23.86	23.84	24.6
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	23.84	23.79	23.83	24.6
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.83	23.86	23.85	24.6
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.85	23.80	23.80	24.6
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.77	23.79	23.88	24.6
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.86	23.80	23.88	24.6

<FR1 n2_Ant MIMO2_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	23.54	23.59	23.52	24.6
40	PI/2 BPSK	1	108	23.26	23.31	23.24	
40	PI/2 BPSK	1	214	22.68	22.73	22.66	
40	PI/2 BPSK	108	0	23.35	23.40	23.33	24.1
40	PI/2 BPSK	108	54	23.15	23.20	23.13	24.6
40	PI/2 BPSK	108	108	23.40	23.45	23.38	24.1
40	PI/2 BPSK	216	0	22.67	22.72	22.65	
40	QPSK	1	1	23.45	23.50	23.43	24.6
40	QPSK	1	108	23.17	23.22	23.15	
40	QPSK	1	214	22.61	22.64	22.61	
40	QPSK	108	0	23.26	23.31	23.24	23.6
40	QPSK	108	54	23.06	23.11	23.04	24.6
40	QPSK	108	108	23.31	23.36	23.29	23.6
40	QPSK	216	0	22.58	22.63	22.56	
40	16QAM	1	1	22.58	22.63	22.56	23.6
40	64QAM	1	1	21.22	21.27	21.21	22.1
40	256QAM	1	1	19.79	19.83	19.77	20.1
Channel				373500	376000	378500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	23.34	23.41	23.37	24.6
Channel				373000	376000	379000	Tune-up limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	23.39	23.47	23.41	24.6
Channel				372500	376000	379500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	23.43	23.45	23.36	24.6
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.43	23.42	23.33	24.6
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.42	23.46	23.42	24.6
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.38	23.43	23.34	24.6
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.44	23.48	23.35	24.6

<FR1 n5_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	23.93	23.94	23.93	24.5
20	PI/2 BPSK	1	53	23.50	23.70	23.57	
20	PI/2 BPSK	1	104	23.59	23.76	23.57	
20	PI/2 BPSK	50	0	23.20	23.33	23.18	24.0
20	PI/2 BPSK	50	28	23.68	23.83	23.64	24.5
20	PI/2 BPSK	50	56	23.13	23.26	23.16	24.0
20	PI/2 BPSK	100	0	23.05	23.25	23.05	
20	QPSK	1	1	23.56	23.75	23.57	24.5
20	QPSK	1	53	23.53	23.65	23.47	
20	QPSK	1	104	23.49	23.68	23.48	
20	QPSK	50	0	22.68	22.80	22.63	23.5
20	QPSK	50	28	23.62	23.72	23.62	24.5
20	QPSK	50	56	22.47	22.65	22.51	23.5
20	QPSK	100	0	22.55	22.74	22.55	
20	16QAM	1	1	22.53	22.72	22.61	23.5
20	64QAM	1	1	21.07	21.20	21.08	22.0
20	256QAM	1	1	18.97	19.11	18.91	20.0
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	23.79	23.83	23.79	24.5
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	23.73	23.76	23.74	24.5
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.80	23.81	23.75	24.5

<FR1 n7_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				504000	507000	510000	
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	23.83	23.94	23.84	24.5
40	PI/2 BPSK	1	108	23.09	23.22	23.08	
40	PI/2 BPSK	1	214	23.00	23.10	22.96	
40	PI/2 BPSK	108	0	22.68	22.78	22.66	24.0
40	PI/2 BPSK	108	54	23.14	23.28	23.16	24.5
40	PI/2 BPSK	108	108	22.45	22.64	22.52	24.0
40	PI/2 BPSK	216	0	22.51	22.70	22.58	
40	QPSK	1	1	23.22	23.37	23.27	24.5
40	QPSK	1	108	22.89	23.07	22.96	
40	QPSK	1	214	22.95	23.10	22.93	
40	QPSK	108	0	22.21	22.31	22.14	23.5
40	QPSK	108	54	23.07	23.17	23.04	24.5
40	QPSK	108	108	21.96	22.12	22.00	23.5
40	QPSK	216	0	21.95	22.15	21.98	
40	16QAM	1	1	22.19	22.31	22.21	23.5
40	64QAM	1	1	20.63	20.83	20.72	22.0
40	256QAM	1	1	18.68	18.83	18.66	20.0
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	23.69	23.84	23.69	24.5
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	

30	PI/2 BPSK	1	1	23.64	23.79	23.67	24.5
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	23.70	23.74	23.68	24.5
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.72	23.84	23.71	20.0
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.71	23.74	23.70	24.5
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.67	23.74	23.65	24.5
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.69	23.83	23.70	24.5

<FR1 n7_Ant MIMO2_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				504000	507000	510000	
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	23.34	23.40	23.31	24.5
40	PI/2 BPSK	1	108	23.00	23.06	22.97	
40	PI/2 BPSK	1	214	22.83	22.89	22.80	
40	PI/2 BPSK	108	0	22.58	22.64	22.55	24.0
40	PI/2 BPSK	108	54	23.01	23.07	22.98	24.5
40	PI/2 BPSK	108	108	22.30	22.36	22.27	24.0
40	PI/2 BPSK	216	0	22.39	22.45	22.36	
40	QPSK	1	1	23.13	23.19	23.10	24.5
40	QPSK	1	108	22.79	22.85	22.76	
40	QPSK	1	214	22.62	22.68	22.59	
40	QPSK	108	0	22.38	22.44	22.35	23.5
40	QPSK	108	54	22.80	22.86	22.77	24.5
40	QPSK	108	108	22.10	22.16	22.07	23.5
40	QPSK	216	0	22.19	22.25	22.16	
40	16QAM	1	1	22.12	22.18	22.09	23.5
40	64QAM	1	1	20.66	20.71	20.63	22.0
40	256QAM	1	1	18.69	18.74	18.67	20.0
Channel				503500	507000	510500	Tune-up limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	23.14	23.27	23.15	24.5
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	23.15	23.22	23.15	24.5
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	23.16	23.30	23.12	24.5
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	256QAM	1	1	23.22	23.27	23.12	24.5
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.17	23.22	23.18	24.5
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.23	23.30	23.20	24.5
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.17	23.22	23.11	24.5

<FR1 n12_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.03	24.11	24.04	24.5
15	PI/2 BPSK	1	40	23.73	23.88	23.71	
15	PI/2 BPSK	1	77	23.71	23.90	23.76	
15	PI/2 BPSK	36	0	23.26	23.36	23.23	24.0
15	PI/2 BPSK	36	22	23.70	23.84	23.71	24.5
15	PI/2 BPSK	36	43	23.07	23.27	23.11	24.0
15	PI/2 BPSK	75	0	23.19	23.30	23.12	
15	QPSK	1	1	23.79	23.92	23.73	24.5
15	QPSK	1	40	23.71	23.81	23.70	
15	QPSK	1	77	23.76	23.87	23.73	
15	QPSK	36	0	22.70	22.80	22.62	23.5
15	QPSK	36	22	23.62	23.77	23.64	24.5
15	QPSK	36	43	22.55	22.74	22.62	23.5
15	QPSK	75	0	22.70	22.85	22.69	
15	16QAM	1	1	22.75	22.87	22.77	23.5
15	64QAM	1	1	21.18	21.36	21.25	22.0
	256QAM	1	1	19.17	19.33	19.13	20.0
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	23.86	23.97	23.89	24.5
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	23.85	23.96	23.91	24.5

<FR1 n13_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		23.78		24.5
10	PI/2 BPSK	1	26		23.60		
10	PI/2 BPSK	1	50		23.61		
10	PI/2 BPSK	25	0		23.12		24.0
10	PI/2 BPSK	25	14		23.60		24.5
10	PI/2 BPSK	25	27		23.12		24.0
10	PI/2 BPSK	50	0		23.13		
10	QPSK	1	1		23.66		24.5
10	QPSK	1	26		23.63		
10	QPSK	1	50		23.62		
10	QPSK	25	0		22.64		23.5
10	QPSK	25	14		23.51		24.5
10	QPSK	25	27		22.57		23.5
10	QPSK	50	0		22.63		
10	16QAM	1	1		22.61		23.5
10	64QAM	1	1		21.05		22.0
10	256QAM	1	1		19.05		20.0
Channel				155900	156400	156900	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	PI/2 BPSK	1	1	23.64	23.65	23.70	24.5

<FR1 n14_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		23.86		24.5
10	PI/2 BPSK	1	26		23.72		
10	PI/2 BPSK	1	50		23.69		
10	PI/2 BPSK	25	0		23.20		24.0
10	PI/2 BPSK	25	14		23.66		24.5
10	PI/2 BPSK	25	27		23.25		24.0
10	PI/2 BPSK	50	0		23.20		
10	QPSK	1	1		23.74		24.5
10	QPSK	1	26		23.71		
10	QPSK	1	50		23.73		
10	QPSK	25	0		22.75		23.5
10	QPSK	25	14		23.61		24.5
10	QPSK	25	27		22.67		23.5
10	QPSK	50	0		22.74		
10	16QAM	1	1		22.73		23.5
10	64QAM	1	1		21.20		22.0
10	256QAM	1	1		19.18		20.0
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	23.76	23.80	23.80	24.5

<FR1 n25_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	23.95	23.99	23.98	24.6
40	PI/2 BPSK	1	108	23.69	23.85	23.67	
40	PI/2 BPSK	1	214	23.70	23.83	23.70	
40	PI/2 BPSK	108	0	23.12	23.23	23.12	24.1
40	PI/2 BPSK	108	54	23.71	23.85	23.68	24.6
40	PI/2 BPSK	108	108	23.20	23.30	23.16	24.1
40	PI/2 BPSK	216	0	23.12	23.25	23.05	
40	QPSK	1	1	23.71	23.81	23.61	24.6
40	QPSK	1	108	23.51	23.71	23.51	
40	QPSK	1	214	23.59	23.76	23.61	
40	QPSK	108	0	22.57	22.71	22.61	23.6
40	QPSK	108	54	23.61	23.73	23.61	24.6
40	QPSK	108	108	22.67	22.83	22.64	23.6
40	QPSK	216	0	22.67	22.77	22.61	
40	16QAM	1	1	22.51	22.65	22.54	23.6
40	64QAM	1	1	21.05	21.16	21.03	22.1
40	256QAM	1	1	19.04	19.20	19.01	20.1
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	23.83	23.82	23.83	24.6
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.77	23.84	23.84	24.6
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.85	23.87	23.86	24.6
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	

20	PI/2 BPSK	1	1	23.80	23.81	23.81	24.6
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	23.78	23.80	23.82	24.6
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	23.85	23.82	23.87	24.6
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	23.84	23.79	23.88	24.6

<FR1 n25_Ant MIMO2_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	23.51	23.90	23.53	24.6
40	PI/2 BPSK	1	108	23.43	23.82	23.45	
40	PI/2 BPSK	1	214	23.46	23.85	23.48	
40	PI/2 BPSK	108	0	22.98	23.36	23.00	24.1
40	PI/2 BPSK	108	54	23.45	23.84	23.47	24.6
40	PI/2 BPSK	108	108	22.91	23.29	22.93	24.1
40	PI/2 BPSK	216	0	22.94	23.32	22.96	
40	QPSK	1	1	23.17	23.55	23.19	24.6
40	QPSK	1	108	23.09	23.47	23.11	
40	QPSK	1	214	23.12	23.50	23.14	
40	QPSK	108	0	22.64	23.02	22.66	23.6
40	QPSK	108	54	23.11	23.49	23.13	24.6
40	QPSK	108	108	22.58	22.95	22.59	23.6
40	QPSK	216	0	22.47	22.84	22.49	
40	16QAM	1	1	22.43	22.80	22.45	23.6
40	64QAM	1	1	21.00	21.35	21.02	22.1
40	256QAM	1	1	18.99	19.31	19.01	20.1
Channel				373500	376500	379500	Tune-up limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	23.37	23.76	23.41	24.6
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.36	23.78	23.38	24.6
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.37	23.80	23.33	24.6
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.33	23.73	23.34	24.6
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	23.35	23.72	23.38	24.6
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	23.39	23.79	23.35	24.6
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	23.33	23.71	23.37	24.6

<FR1 n26_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	23.85	23.95	23.92	24.5
20	PI/2 BPSK	1	53	23.65	23.82	23.67	
20	PI/2 BPSK	1	104	23.56	23.74	23.61	
20	PI/2 BPSK	50	0	23.11	23.25	23.06	24.0
20	PI/2 BPSK	50	28	23.65	23.82	23.69	24.5
20	PI/2 BPSK	50	56	23.18	23.30	23.15	24.0
20	PI/2 BPSK	100	0	23.13	23.29	23.18	
20	QPSK	1	1	23.58	23.70	23.55	24.5
20	QPSK	1	53	23.59	23.71	23.55	
20	QPSK	1	104	23.53	23.73	23.60	
20	QPSK	50	0	22.61	22.75	22.65	23.5
20	QPSK	50	28	23.57	23.76	23.63	24.5
20	QPSK	50	56	22.59	22.79	22.63	23.5
20	QPSK	100	0	22.64	22.77	22.57	
20	16QAM	1	1	22.51	22.64	22.51	23.5
20	64QAM	1	1	20.91	21.10	20.96	22.0
20	256QAM	1	1	18.86	19.06	18.86	20.0
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	23.71	23.75	23.81	24.5
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	23.66	23.81	23.74	24.5
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	23.73	23.84	23.78	24.5

<FR1 n30_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		22.49		23.0
10	PI/2 BPSK	1	26		22.21		
10	PI/2 BPSK	1	50		22.20		
10	PI/2 BPSK	25	0		21.72		22.5
10	PI/2 BPSK	25	14		22.18		23.0
10	PI/2 BPSK	25	27		21.75		22.5
10	PI/2 BPSK	50	0		21.76		
10	QPSK	1	1		22.18		23.0
10	QPSK	1	26		22.23		
10	QPSK	1	50		22.25		
10	QPSK	25	0		21.28		22.0
10	QPSK	25	14		22.15		23.0
10	QPSK	25	27		21.25		22.0
10	QPSK	50	0		21.23		
10	16QAM	1	1		21.23		22.0
10	64QAM	1	1		19.73		20.5
10	256QAM	1	1		17.70		18.5
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	22.17	22.24	22.23	23.0

<FR1 n30_Ant MIMO2_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		21.79		23.0
10	PI/2 BPSK	1	26		21.75		
10	PI/2 BPSK	1	50		21.68		
10	PI/2 BPSK	25	0		21.16		22.5
10	PI/2 BPSK	25	14		21.64		23.0
10	PI/2 BPSK	25	27		21.16		22.5
10	PI/2 BPSK	50	0		21.20		
10	QPSK	1	1		21.76		23.0
10	QPSK	1	26		21.72		
10	QPSK	1	50		21.65		
10	QPSK	25	0		21.13		22.0
10	QPSK	25	14		21.61		23.0
10	QPSK	25	27		21.13		22.0
10	QPSK	50	0		21.17		
10	16QAM	1	1		20.60		22.0
10	64QAM	1	1		19.11		20.5
10	256QAM	1	1		17.13		18.5
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	21.61	21.64	21.67	23.0

<FR1 n66_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.94	23.97	23.96	24.5
40	PI/2 BPSK	1	108	23.54	23.74	23.63	
40	PI/2 BPSK	1	214	23.68	23.80	23.67	
40	PI/2 BPSK	108	0	23.03	23.13	23.01	24.0
40	PI/2 BPSK	108	54	23.58	23.78	23.61	24.5
40	PI/2 BPSK	108	108	23.03	23.16	22.97	24.0
40	PI/2 BPSK	216	0	23.02	23.22	23.12	
40	QPSK	1	1	23.51	23.70	23.52	24.5
40	QPSK	1	108	23.51	23.70	23.56	
40	QPSK	1	214	23.54	23.74	23.54	
40	QPSK	108	0	22.49	22.68	22.49	23.5
40	QPSK	108	54	23.44	23.60	23.40	24.5
40	QPSK	108	108	22.54	22.70	22.54	23.5
40	QPSK	216	0	22.53	22.70	22.54	
40	16QAM	1	1	22.49	22.65	22.51	23.5
40	64QAM	1	1	20.97	21.15	21.05	22.0
40	256QAM	1	1	18.91	19.10	18.97	20.0
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	23.83	23.83	23.80	24.5
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.83	23.82	23.80	24.5
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.79	23.86	23.79	24.5
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.75	23.83	23.86	24.5

Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.77	23.85	23.77	24.5
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.83	23.77	23.84	24.5
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.82	23.82	23.76	24.5

<FR1 n66_Ant MIMO2_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.98	23.99	23.94	24.5
40	PI/2 BPSK	1	108	23.91	23.92	23.87	
40	PI/2 BPSK	1	214	23.95	23.96	23.91	
40	PI/2 BPSK	108	0	23.36	23.37	23.32	24.0
40	PI/2 BPSK	108	54	23.96	23.97	23.92	24.5
40	PI/2 BPSK	108	108	23.33	23.34	23.29	24.0
40	PI/2 BPSK	216	0	23.39	23.40	23.35	
40	QPSK	1	1	23.90	23.91	23.86	24.5
40	QPSK	1	108	23.84	23.85	23.80	
40	QPSK	1	214	23.89	23.90	23.85	
40	QPSK	108	0	22.82	22.83	22.78	23.5
40	QPSK	108	54	23.84	23.85	23.80	24.5
40	QPSK	108	108	22.83	22.84	22.79	23.5
40	QPSK	216	0	22.89	22.90	22.85	
40	16QAM	1	1	22.88	22.89	22.84	23.5
40	64QAM	1	1	21.32	21.33	21.29	22.0
40	256QAM	1	1	19.26	19.27	19.23	20.0
Channel				345500	349000	352500	Tune-up limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	23.80	23.86	23.76	24.5
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.80	23.86	23.76	24.5
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.78	23.86	23.82	24.5
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.83	23.84	23.79	24.5
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.79	23.79	23.76	24.5
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.82	23.86	23.75	24.5
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.86	23.84	23.75	24.5

<FR1 n70_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		23.95		24.6
15	PI/2 BPSK	1	40		23.65		
15	PI/2 BPSK	1	77		23.74		
15	PI/2 BPSK	36	0		23.08		24.1
15	PI/2 BPSK	36	22		23.71		24.6
15	PI/2 BPSK	36	43		23.21		24.1
15	PI/2 BPSK	75	0		23.14		
15	QPSK	1	1		22.80		24.6
15	QPSK	1	40		23.70		
15	QPSK	1	77		23.78		
15	QPSK	36	0		22.60		23.6
15	QPSK	36	22		23.61		24.6
15	QPSK	36	43		22.75		23.6
15	QPSK	75	0		22.65		
15	16QAM	1	1		22.60		23.6
15	64QAM	1	1		21.15		22.1
15	256QAM	1	1		19.18		20.1
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	23.64	23.68	23.68	24.6
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	23.52	23.48	23.52	24.6

<FR1 n70_Ant MIMO2_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		23.31		24.6
15	PI/2 BPSK	1	40		23.22		
15	PI/2 BPSK	1	77		23.26		
15	PI/2 BPSK	36	0		22.70		24.1
15	PI/2 BPSK	36	22		23.25		24.6
15	PI/2 BPSK	36	43		22.79		24.1
15	PI/2 BPSK	75	0		22.83		
15	QPSK	1	1		23.16		24.6
15	QPSK	1	40		23.23		
15	QPSK	1	77		23.30		
15	QPSK	36	0		22.23		23.6
15	QPSK	36	22		23.23		24.6
15	QPSK	36	43		22.29		23.6
15	QPSK	75	0		22.32		
15	16QAM	1	1		22.18		23.6
15	64QAM	1	1		20.74		22.1
15	256QAM	1	1		18.78		20.1
Channel				340000	340500	341000	Tune-up limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	23.12	23.13	23.20	24.6
Channel				339500	340500	341500	Tune-up limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	23.19	23.17	23.19	24.6

<FR1 n71_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.64	23.66	23.46	24.5
20	PI/2 BPSK	1	53	23.09	23.28	23.17	
20	PI/2 BPSK	1	104	23.24	23.38	23.24	
20	PI/2 BPSK	50	0	22.71	22.81	22.71	24.0
20	PI/2 BPSK	50	28	23.14	23.30	23.14	24.5
20	PI/2 BPSK	50	56	22.63	22.78	22.68	24.0
20	PI/2 BPSK	100	0	22.62	22.77	22.61	
20	QPSK	1	1	23.22	23.35	23.25	24.5
20	QPSK	1	53	23.02	23.17	22.97	
20	QPSK	1	104	23.10	23.30	23.10	
20	QPSK	50	0	22.17	22.33	22.20	23.5
20	QPSK	50	28	23.06	23.25	23.12	24.5
20	QPSK	50	56	22.13	22.28	22.17	23.5
20	QPSK	100	0	22.10	22.28	22.10	
20	16QAM	1	1	22.17	22.30	22.18	23.5
20	64QAM	1	1	20.64	20.80	20.64	22.0
20	256QAM	1	1	18.71	18.83	18.71	20.0
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	23.52	23.55	23.27	24.5
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.54	23.49	23.32	24.5
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.53	23.55	23.31	24.5

<FR1 n38_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	23.88	23.89	23.87	24.7
40	PI/2 BPSK	1	53	23.14	23.31	23.21	
40	PI/2 BPSK	1	104	22.78	22.89	22.73	
40	PI/2 BPSK	50	0	22.85	23.00	22.86	24.2
40	PI/2 BPSK	50	28	23.29	23.43	23.26	24.7
40	PI/2 BPSK	50	56	22.54	22.68	22.55	24.2
40	PI/2 BPSK	100	0	22.70	22.85	22.67	
40	QPSK	1	1	23.41	23.60	23.50	24.7
40	QPSK	1	53	23.15	23.28	23.16	
40	QPSK	1	104	22.79	22.93	22.81	
40	QPSK	50	0	22.35	22.45	22.29	23.7
40	QPSK	50	28	23.17	23.36	23.25	24.7
40	QPSK	50	56	21.99	22.18	22.04	23.7
40	QPSK	100	0	22.16	22.36	22.20	
40	16QAM	1	1	22.39	22.50	22.40	23.7
40	64QAM	1	1	20.92	21.02	20.86	22.2
40	256QAM	1	1	18.90	19.02	18.85	20.2
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.78	23.78	23.75	24.7
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	23.75	23.70	23.67	24.7
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.70	23.79	23.71	24.7
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.76	23.78	23.69	24.7
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	23.77	23.79	23.73	24.7

<FR1 n38_Ant MIMO2_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	23.81	23.84	23.55	24.7
40	PI/2 BPSK	1	53	22.83	22.90	22.83	
40	PI/2 BPSK	1	104	22.76	22.72	22.75	
40	PI/2 BPSK	50	0	22.60	22.66	22.58	24.2
40	PI/2 BPSK	50	28	22.95	23.01	22.95	24.7
40	PI/2 BPSK	50	56	22.22	22.20	22.23	24.2
40	PI/2 BPSK	100	0	22.38	22.45	22.39	
40	QPSK	1	1	23.03	23.11	23.04	24.7
40	QPSK	1	53	22.75	22.71	22.74	
40	QPSK	1	104	22.75	22.72	22.75	
40	QPSK	50	0	21.99	22.06	22.00	23.7
40	QPSK	50	28	22.82	22.90	22.83	24.8
40	QPSK	50	56	21.72	21.70	21.74	23.7
40	QPSK	100	0	21.86	21.93	21.85	
40	16QAM	1	1	22.08	22.15	22.09	23.7
40	64QAM	1	1	20.58	20.65	20.58	22.2
40	256QAM	1	1	18.57	18.64	18.56	20.2
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.70	23.73	23.40	24.7
Channel				516500	519000	521500	Tune-up limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	23.66	23.64	23.44	24.7
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.71	23.69	23.39	24.7
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.62	23.74	23.40	24.7
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	23.64	23.70	23.35	24.7

<FR1 n41_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.80	23.85	23.66	25.0
100	PI/2 BPSK	1	137	23.04	23.20	23.04	
100	PI/2 BPSK	1	271	23.25	23.35	23.20	
100	PI/2 BPSK	135	0	22.60	22.73	22.61	24.5
100	PI/2 BPSK	135	69	23.00	23.17	23.15	25.0
100	PI/2 BPSK	135	138	22.62	22.73	22.54	24.5
100	PI/2 BPSK	270	0	22.65	22.65	22.53	
100	QPSK	1	1	23.18	23.33	23.13	25.0
100	QPSK	1	137	23.14	23.12	23.16	
100	QPSK	1	271	23.15	23.26	23.12	
100	QPSK	135	0	22.02	22.22	22.08	24.0
100	QPSK	135	69	23.16	23.10	23.12	25.0
100	QPSK	135	138	22.12	22.11	22.16	24.0
100	QPSK	270	0	22.03	22.18	22.01	
100	16QAM	1	1	22.08	22.27	22.13	24.0
100	64QAM	1	1	20.63	20.78	20.61	22.5
100	256QAM	1	1	18.63	18.76	18.58	20.5
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.66	23.70	23.56	25.0
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.70	23.66	23.48	25.0
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.65	23.70	23.54	25.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.70	23.75	23.49	25.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.67	23.65	23.54	25.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.60	23.71	23.49	25.0
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.70	23.75	23.54	25.0
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.67	23.71	23.50	25.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.64	23.75	23.51	25.0
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.67	23.68	23.56	25.0
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.65	23.71	23.53	25.0

<FR1 n41_Ant MIMO2_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.88	23.92	23.51	25.0
100	PI/2 BPSK	1	137	23.03	23.10	23.03	
100	PI/2 BPSK	1	271	23.08	23.05	23.07	
100	PI/2 BPSK	135	0	22.62	22.70	22.64	24.5
100	PI/2 BPSK	135	69	23.04	23.12	23.06	25.0
100	PI/2 BPSK	135	138	22.60	22.76	22.58	24.5
100	PI/2 BPSK	270	0	22.52	22.59	22.53	
100	QPSK	1	1	23.34	23.40	23.33	25.0
100	QPSK	1	137	23.11	23.18	23.11	
100	QPSK	1	271	23.12	23.19	23.13	
100	QPSK	135	0	22.04	22.12	22.06	24.0
100	QPSK	135	69	23.02	23.00	23.04	25.0
100	QPSK	135	138	22.08	22.15	22.07	24.0
100	QPSK	270	0	22.09	22.07	22.09	
100	16QAM	1	1	22.25	22.33	22.26	24.0
100	64QAM	1	1	20.75	20.82	20.74	22.5
100	256QAM	1	1	18.73	18.80	18.73	20.5
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.74	23.73	23.33	25.0
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.78	23.79	23.40	25.0
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.78	23.74	23.32	25.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.75	23.73	23.35	25.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.77	23.75	23.38	25.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.77	23.72	23.41	25.0
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.74	23.75	23.33	25.0
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.70	23.77	23.37	25.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.70	23.74	23.39	25.0
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.77	23.79	23.32	25.0
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.69	23.72	23.37	25.0

<FR1 n41_HPUE_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.14	26.23	26.19	27.0
100	PI/2 BPSK	1	137	25.85	26.01	25.81	
100	PI/2 BPSK	1	271	25.93	26.04	25.87	
100	PI/2 BPSK	135	0	25.45	25.60	25.47	26.5
100	PI/2 BPSK	135	69	25.89	26.01	25.84	27.0
100	PI/2 BPSK	135	138	25.32	25.52	25.32	26.5
100	PI/2 BPSK	270	0	25.36	25.52	25.40	
100	QPSK	1	1	26.03	26.17	25.97	27.0
100	QPSK	1	137	25.87	25.97	25.78	
100	QPSK	1	271	25.95	26.11	25.95	
100	QPSK	135	0	24.93	25.08	24.91	26.0
100	QPSK	135	69	25.81	25.94	25.77	27.0
100	QPSK	135	138	24.76	24.95	24.81	26.0
100	QPSK	270	0	24.85	25.00	24.89	
100	16QAM	1	1	24.95	25.09	24.92	26.0
100	64QAM	1	1	23.43	23.57	23.45	24.5
100	256QAM	1	1	21.36	21.56	21.43	22.5
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.94	26.03	26.05	27.0
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.04	26.04	26.06	27.0
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	26.00	26.03	26.07	27.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.01	26.09	26.04	27.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.97	26.04	26.04	27.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.98	26.09	26.01	27.0
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.97	26.03	26.04	27.0
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	25.97	26.11	26.05	27.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.98	26.12	26.00	27.0
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.01	26.06	25.99	27.0
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.97	26.13	26.01	27.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.55	25.96	25.90	27.0
100	PI/2 BPSK	1	137	25.08	25.00	25.07	
100	PI/2 BPSK	1	271	25.11	25.13	25.11	
100	PI/2 BPSK	135	0	24.78	24.81	24.79	26.5
100	PI/2 BPSK	135	69	25.08	25.10	25.08	27.0
100	PI/2 BPSK	135	138	24.50	24.52	24.59	26.5
100	PI/2 BPSK	270	0	24.93	24.95	24.93	
100	QPSK	1	1	25.93	25.95	25.91	27.0
100	QPSK	1	137	25.07	25.00	25.07	
100	QPSK	1	271	25.08	25.02	25.08	
100	QPSK	135	0	24.52	24.55	24.53	26.0
100	QPSK	135	69	25.06	25.10	25.08	27.0
100	QPSK	135	138	24.00	24.03	24.00	26.0
100	QPSK	270	0	24.26	24.30	24.28	
100	16QAM	1	1	24.88	24.91	24.89	26.0
100	64QAM	1	1	23.58	23.60	23.57	24.5
100	256QAM	1	1	21.60	21.64	21.60	22.5
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.40	25.83	25.75	27.0
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.39	25.80	25.74	27.0
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.43	25.83	25.72	27.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.36	25.80	25.72	27.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.39	25.84	25.80	27.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.44	25.76	25.78	27.0
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.38	25.83	25.78	27.0
Channel				501702	518598	535500	Tune-up limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	25.41	25.81	25.73	27.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.43	25.86	25.78	27.0
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.40	25.84	25.76	27.0
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.39	25.76	25.80	27.0

<FR1 n48_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	20.91	21.04	20.95	21.8
40	PI/2 BPSK	1	53	20.75	20.93	20.75	
40	PI/2 BPSK	1	104	20.69	20.87	20.74	
40	PI/2 BPSK	50	0	20.81	20.98	20.86	21.3
40	PI/2 BPSK	50	28	20.85	20.98	20.88	21.8
40	PI/2 BPSK	50	56	20.68	20.86	20.71	21.3
40	PI/2 BPSK	100	0	20.73	20.92	20.73	
40	QPSK	1	1	20.76	20.89	20.73	21.8
40	QPSK	1	53	20.70	20.82	20.70	
40	QPSK	1	104	20.68	20.81	20.70	
40	QPSK	50	0	20.55	20.70	20.53	20.8
40	QPSK	50	28	20.70	20.90	20.71	21.8
40	QPSK	50	56	20.56	20.70	20.56	20.8
40	QPSK	100	0	20.56	20.68	20.55	
40	16QAM	1	1	20.60	20.73	20.55	20.8
40	64QAM	1	1	18.81	19.00	18.86	19.3
40	256QAM	1	1	16.93	17.10	16.94	17.3
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	20.72	20.88	20.75	21.8
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	20.78	20.85	20.81	21.8
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	20.78	20.90	20.79	21.8
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	20.80	20.88	20.74	21.8
Channel				636834	641666	646500	Tune-up limit (dBm)
Frequency (MHz)				3552.51	3624.99	3697.5	
5	PI/2 BPSK	1	1	20.78	20.91	20.74	21.8

<FR1 n48_Ant MIMO2_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	19.37	19.52	19.42	21.0
40	PI/2 BPSK	1	53	19.25	19.44	19.26	
40	PI/2 BPSK	1	104	19.21	19.40	19.21	
40	PI/2 BPSK	50	0	19.29	19.39	19.29	21.0
40	PI/2 BPSK	50	28	19.31	19.42	19.24	21.0
40	PI/2 BPSK	50	56	19.27	19.42	19.24	21.0
40	PI/2 BPSK	100	0	19.27	19.44	19.24	
40	QPSK	1	1	19.17	19.30	19.12	21.0
40	QPSK	1	53	19.21	19.32	19.21	
40	QPSK	1	104	19.31	19.43	19.24	
40	QPSK	50	0	19.22	19.38	19.20	20.8
40	QPSK	50	28	19.24	19.40	19.26	21.0
40	QPSK	50	56	19.25	19.43	19.33	20.8
40	QPSK	100	0	19.16	19.31	19.19	
40	16QAM	1	1	19.07	19.24	19.10	20.8
40	64QAM	1	1	19.04	19.22	19.08	19.3
40	256QAM	1	1	17.15	17.30	17.10	17.3
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	19.21	19.41	19.25	21.0
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	19.22	19.32	19.23	21.0
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	19.24	19.39	19.23	21.0
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	19.27	19.34	19.29	21.0
Channel				636834	641666	646500	Tune-up limit (dBm)
Frequency (MHz)				3552.51	3624.99	3697.5	
5	PI/2 BPSK	1	1	19.20	19.34	19.24	21.0

<FR1 n77_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	23.23	23.27	23.18	25.1
100	PI/2 BPSK	1	137	23.13	23.26	23.16	
100	PI/2 BPSK	1	271	23.12	23.10	23.16	
100	PI/2 BPSK	135	0	22.60	22.73	22.78	24.6
100	PI/2 BPSK	135	69	23.25	23.21	23.24	25.1
100	PI/2 BPSK	135	138	22.62	22.75	22.65	24.6
100	PI/2 BPSK	270	0	22.64	22.75	22.79	
100	QPSK	1	1	23.20	23.14	23.22	25.1
100	QPSK	1	137	23.26	23.20	23.21	
100	QPSK	1	271	23.12	23.12	23.12	
100	QPSK	135	0	22.23	22.20	22.24	24.1
100	QPSK	135	69	23.20	23.16	23.23	25.1
100	QPSK	135	138	22.12	22.24	22.10	24.1
100	QPSK	270	0	22.27	22.26	22.28	
100	16QAM	1	1	22.10	22.26	22.10	24.1
100	64QAM	1	1	20.79	20.71	20.72	22.6
100	256QAM	1	1	18.79	18.70	18.74	20.6
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	23.14	23.10	23.12	25.1
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	23.11	23.15	23.14	25.1
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	23.14	23.16	23.10	25.1
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.0212	3840	3949.98	
60	PI/2 BPSK	1	1	23.14	23.11	23.15	25.1
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	23.13	23.14	23.16	25.1
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	23.16	23.12	23.12	25.1
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	23.12	23.10	23.10	25.1
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	23.12	23.11	23.17	25.1
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	23.16	23.15	23.14	25.1
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	23.17	23.16	23.13	25.1
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	23.19	23.25	23.14	25.1

<FR1 n77_Ant MIMO2_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.68	18.05	17.83	19.0
100	PI/2 BPSK	1	137	17.61	17.80	17.60	
100	PI/2 BPSK	1	271	17.64	17.80	17.62	
100	PI/2 BPSK	135	0	17.79	17.91	17.72	19.0
100	PI/2 BPSK	135	69	17.59	17.70	17.60	19.0
100	PI/2 BPSK	135	138	17.61	17.75	17.64	19.0
100	PI/2 BPSK	270	0	17.66	17.76	17.59	
100	QPSK	1	1	17.92	18.02	17.91	19.0
100	QPSK	1	137	17.68	17.79	17.60	
100	QPSK	1	271	17.60	17.78	17.67	
100	QPSK	135	0	17.66	17.86	17.72	19.0
100	QPSK	135	69	17.48	17.66	17.48	19.0
100	QPSK	135	138	17.60	17.75	17.58	19.0
100	QPSK	270	0	17.67	17.78	17.65	
100	16QAM	1	1	17.86	17.97	17.80	19.0
100	64QAM	1	1	17.85	17.97	17.80	19.0
100	256QAM	1	1	17.85	17.96	17.78	19.0
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	17.55	17.91	17.70	19.0
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	17.51	17.88	17.68	19.0
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	17.56	17.89	17.64	19.0
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	17.52	17.95	17.67	19.0
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	17.51	17.92	17.63	19.0
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	17.52	17.94	17.71	19.0
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	17.50	17.88	17.70	19.0
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	17.55	17.86	17.71	19.0
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	17.50	17.95	17.72	19.0
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	17.48	17.95	17.63	19.0
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	17.52	17.88	17.69	19.0

<FR1 n77_HPUE_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	25.90	25.92	25.91	26.0
100	PI/2 BPSK	1	137	25.60	25.74	25.57	
100	PI/2 BPSK	1	271	25.74	25.86	25.69	
100	PI/2 BPSK	135	0	25.10	25.27	25.09	25.5
100	PI/2 BPSK	135	69	24.60	24.71	24.55	26.0
100	PI/2 BPSK	135	138	25.13	25.23	25.03	25.5
100	PI/2 BPSK	270	0	25.18	25.29	25.13	
100	QPSK	1	1	25.77	25.90	25.78	26.0
100	QPSK	1	137	25.60	25.72	25.59	
100	QPSK	1	271	25.65	25.81	25.62	
100	QPSK	135	0	24.55	24.67	24.55	25.0
100	QPSK	135	69	25.53	25.66	25.50	26.0
100	QPSK	135	138	24.57	24.70	24.59	25.0
100	QPSK	270	0	24.64	24.78	24.68	
100	16QAM	1	1	24.66	24.80	24.62	25.0
100	64QAM	1	1	23.18	23.32	23.13	23.5
100	256QAM	1	1	21.13	21.28	21.13	21.5
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	25.74	25.78	25.76	26.0
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	25.75	25.81	25.78	26.0
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	25.78	25.73	25.73	26.0
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	25.72	25.75	25.73	26.0
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	25.77	25.82	25.73	26.0
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	25.74	25.78	25.80	26.0
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	25.70	25.77	25.72	26.0
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	25.73	25.79	25.75	26.0
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	25.70	25.82	25.71	26.0
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	25.75	25.81	25.80	26.0
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	25.79	25.80	25.75	26.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	20.73	20.98	20.83	22.0
100	PI/2 BPSK	1	137	20.56	20.76	20.59	
100	PI/2 BPSK	1	271	20.61	20.77	20.61	
100	PI/2 BPSK	135	0	20.69	20.85	20.74	22.0
100	PI/2 BPSK	135	69	20.54	20.72	20.57	22.0
100	PI/2 BPSK	135	138	20.49	20.66	20.47	22.0
100	PI/2 BPSK	270	0	20.62	20.73	20.55	
100	QPSK	1	1	20.80	20.90	20.71	22.0
100	QPSK	1	137	20.52	20.70	20.59	
100	QPSK	1	271	20.59	20.72	20.58	
100	QPSK	135	0	20.53	20.71	20.61	22.0
100	QPSK	135	69	20.43	20.63	20.45	22.0
100	QPSK	135	138	20.52	20.66	20.51	22.0
100	QPSK	270	0	20.53	20.73	20.54	
100	16QAM	1	1	20.75	20.90	20.76	22.0
100	64QAM	1	1	20.76	20.92	20.76	22.0
100	256QAM	1	1	20.77	20.89	20.73	21.5
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	20.63	20.85	20.73	22.0
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	20.62	20.80	20.73	22.0
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	20.56	20.81	20.70	22.0
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	20.59	20.81	20.70	22.0
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	20.60	20.80	20.65	22.0
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	20.56	20.78	20.67	22.0
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	20.58	20.79	20.70	22.0
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	20.57	20.81	20.72	22.0
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	20.62	20.79	20.70	22.0
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	20.60	20.83	20.73	22.0
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	20.54	20.85	20.70	22.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.41		25.1
100	PI/2 BPSK	1	137		23.20		
100	PI/2 BPSK	1	271		23.25		
100	PI/2 BPSK	135	0		22.71		24.6
100	PI/2 BPSK	135	69		23.16		25.1
100	PI/2 BPSK	135	138		22.67		24.6
100	PI/2 BPSK	270	0		22.68		
100	QPSK	1	1		23.21		25.1
100	QPSK	1	137		23.10		
100	QPSK	1	271		23.10		
100	QPSK	135	0		22.22		24.1
100	QPSK	135	69		23.13		25.1
100	QPSK	135	138		22.14		24.1
100	QPSK	270	0		22.20		
100	16QAM	1	1		22.22		24.1
100	64QAM	1	1		20.76		22.6
100	256QAM	1	1		18.75		20.6
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.21	23.30	23.25	25.1
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.13	23.22	23.18	25.1
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.14	23.23	23.18	25.1
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.14	23.22	23.18	25.1
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.15	23.22	23.17	25.1
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.15	23.22	23.17	25.1
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.15	23.23	23.18	25.1
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.13	23.22	23.19	25.1
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.15	23.24	23.17	25.1
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.15	23.24	23.18	25.1
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.15	23.23	23.17	25.1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.32		19.0
100	PI/2 BPSK	1	137		18.03		
100	PI/2 BPSK	1	271		18.12		
100	PI/2 BPSK	135	0		18.18		19.0
100	PI/2 BPSK	135	69		18.08		19.0
100	PI/2 BPSK	135	138		18.04		19.0
100	PI/2 BPSK	270	0		18.09		
100	QPSK	1	1		18.25		19.0
100	QPSK	1	137		17.95		
100	QPSK	1	271		18.10		
100	QPSK	135	0		18.13		19.0
100	QPSK	135	69		18.00		19.0
100	QPSK	135	138		18.01		19.0
100	QPSK	270	0		18.11		
100	16QAM	1	1		18.20		19.0
100	64QAM	1	1		18.25		19.0
100	256QAM	1	1		18.23		19.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.24	18.25	18.20	19.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.10	18.13	18.02	19.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.06	18.06	18.05	19.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.13	18.09	18.10	19.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.14	18.06	18.02	19.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.04	18.05	18.00	19.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.14	18.13	18.10	19.0
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.11	18.07	18.06	19.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.06	18.15	18.02	19.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.12	18.13	18.06	19.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.13	18.13	18.10	19.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.97		26.0
100	PI/2 BPSK	1	137		25.59		
100	PI/2 BPSK	1	271		25.74		
100	PI/2 BPSK	135	0		25.15		25.5
100	PI/2 BPSK	135	69		24.59		26.0
100	PI/2 BPSK	135	138		25.13		25.5
100	PI/2 BPSK	270	0		25.11		
100	QPSK	1	1		25.78		26.0
100	QPSK	1	137		25.52		
100	QPSK	1	271		25.66		
100	QPSK	135	0		24.49		25.0
100	QPSK	135	69		25.47		26.0
100	QPSK	135	138		24.53		25.0
100	QPSK	270	0		24.61		
100	16QAM	1	1		24.70		25.0
100	64QAM	1	1		23.18		23.5
100	256QAM	1	1		21.10		21.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.74	25.72	25.74	26.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.75	25.79	25.71	26.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.77	25.74	25.76	26.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.79	25.78	25.72	26.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.75	25.72	25.78	26.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.77	25.76	25.72	26.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.77	25.77	25.75	26.0
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.74	25.76	25.80	26.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.73	25.73	25.79	26.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.75	25.77	25.76	26.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.80	25.74	25.76	26.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.38		22.0
100	PI/2 BPSK	1	137		21.11		
100	PI/2 BPSK	1	271		21.16		
100	PI/2 BPSK	135	0		21.20		22.0
100	PI/2 BPSK	135	69		21.08		22.0
100	PI/2 BPSK	135	138		21.03		22.0
100	PI/2 BPSK	270	0		21.10		
100	QPSK	1	1		21.30		22.0
100	QPSK	1	137		21.04		
100	QPSK	1	271		21.06		
100	QPSK	135	0		21.07		22.0
100	QPSK	135	69		21.02		22.0
100	QPSK	135	138		21.00		22.0
100	QPSK	270	0		21.15		
100	16QAM	1	1		21.20		22.0
100	64QAM	1	1		21.22		22.0
100	256QAM	1	1		21.19		21.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.32	21.33	21.32	22.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.17	21.19	21.21	22.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.12	21.15	21.21	22.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.19	21.14	21.15	22.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.19	21.18	21.13	22.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.17	21.18	21.19	22.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.17	21.17	21.13	22.0
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.13	21.20	21.16	22.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.21	21.18	21.12	22.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.14	21.20	21.12	22.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.18	21.17	21.22	22.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.24		25.1
100	PI/2 BPSK	1	137		23.12		
100	PI/2 BPSK	1	271		23.22		
100	PI/2 BPSK	135	0		22.62		24.6
100	PI/2 BPSK	135	69		23.10		25.1
100	PI/2 BPSK	135	138		22.67		24.6
100	PI/2 BPSK	270	0		22.66		
100	QPSK	1	1		23.21		25.1
100	QPSK	1	137		23.17		
100	QPSK	1	271		23.23		
100	QPSK	135	0		22.10		24.1
100	QPSK	135	69		23.15		25.1
100	QPSK	135	138		22.17		24.1
100	QPSK	270	0		22.14		
100	16QAM	1	1		22.18		24.1
100	64QAM	1	1		20.70		22.6
100	256QAM	1	1		18.68		20.6
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	23.16	23.16	23.10	25.1
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	23.15	23.11	23.12	25.1
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	23.10	23.16	23.17	25.1
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	23.14	23.19	23.13	25.1
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	23.13	23.14	23.10	25.1
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.10	23.13	23.11	25.1
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	23.18	23.17	23.13	25.1
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	23.15	23.14	23.10	25.1
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.14	23.13	23.18	25.1
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	23.12	23.18	23.13	25.1
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	23.10	23.16	23.11	25.1

<FR1 n78_Ant MIMO2_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.69		19.0
100	PI/2 BPSK	1	137		17.52		
100	PI/2 BPSK	1	271		17.48		
100	PI/2 BPSK	135	0		17.62		19.0
100	PI/2 BPSK	135	69		17.51		19.0
100	PI/2 BPSK	135	138		17.40		19.0
100	PI/2 BPSK	270	0		17.53		
100	QPSK	1	1		17.63		19.0
100	QPSK	1	137		17.48		
100	QPSK	1	271		17.50		
100	QPSK	135	0		17.55		19.0
100	QPSK	135	69		17.43		19.0
100	QPSK	135	138		17.44		19.0
100	QPSK	270	0		17.51		
100	16QAM	1	1		17.49		19.0
100	64QAM	1	1		17.48		19.0
100	256QAM	1	1		17.46		19.0
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	17.52	17.60	17.61	19.0
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	17.33	17.47	17.50	19.0
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	17.33	17.45	17.45	19.0
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	17.35	17.49	17.43	19.0
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	17.38	17.46	17.42	19.0
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	17.36	17.44	17.48	19.0
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	17.41	17.43	17.50	19.0
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	17.34	17.41	17.45	19.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	17.33	17.46	17.46	19.0
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	17.41	17.46	17.48	19.0
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	17.35	17.44	17.47	19.0

<FR1 n78_HPUE_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		25.88		26.0
100	PI/2 BPSK	1	137		25.64		
100	PI/2 BPSK	1	271		25.75		
100	PI/2 BPSK	135	0		25.23		25.5
100	PI/2 BPSK	135	69		25.71		26.0
100	PI/2 BPSK	135	138		25.17		25.5
100	PI/2 BPSK	270	0		25.20		
100	QPSK	1	1		25.83		26.0
100	QPSK	1	137		25.61		
100	QPSK	1	271		25.72		
100	QPSK	135	0		24.67		25.0
100	QPSK	135	69		25.56		26.0
100	QPSK	135	138		24.59		25.0
100	QPSK	270	0		24.66		
100	16QAM	1	1		24.65		25.0
100	64QAM	1	1		23.24		23.5
100	256QAM	1	1		21.25		21.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	25.61	25.69	25.45	26.0
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	25.65	25.65	25.46	26.0
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	25.58	25.71	25.52	26.0
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	25.59	25.68	25.52	26.0
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	25.63	25.66	25.53	26.0
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	25.67	25.64	25.47	26.0
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	25.59	25.67	25.45	26.0
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	25.64	25.69	25.52	26.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	25.64	25.63	25.44	26.0
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	25.65	25.69	25.53	26.0
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	25.62	25.63	25.44	26.0

<FR1 n78_HPUE_Ant MIMO2_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.69		22.0
100	PI/2 BPSK	1	137		20.55		
100	PI/2 BPSK	1	271		20.57		
100	PI/2 BPSK	135	0		20.55		22.0
100	PI/2 BPSK	135	69		20.51		22.0
100	PI/2 BPSK	135	138		20.40		22.0
100	PI/2 BPSK	270	0		20.55		
100	QPSK	1	1		20.60		22.0
100	QPSK	1	137		20.49		
100	QPSK	1	271		20.46		
100	QPSK	135	0		20.51		22.0
100	QPSK	135	69		20.44		22.0
100	QPSK	135	138		20.40		22.0
100	QPSK	270	0		20.51		
100	16QAM	1	1		20.58		22.0
100	64QAM	1	1		20.60		22.0
100	256QAM	1	1		20.52		21.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	20.62	20.64	20.57	22.0
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	20.50	20.54	20.41	22.0
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	20.48	20.47	20.44	22.0
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	20.50	20.44	20.44	22.0
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	20.43	20.49	20.41	22.0
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	20.50	20.46	20.38	22.0
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	20.49	20.44	20.37	22.0
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	20.42	20.45	20.40	22.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	20.42	20.50	20.41	22.0
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	20.47	20.49	20.46	22.0
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	20.43	20.51	20.39	22.0

<FR1 n78_Ant Main_Index Sensor On>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.39		25.1
100	PI/2 BPSK	1	137		23.19		
100	PI/2 BPSK	1	271		23.32		
100	PI/2 BPSK	135	0		22.67		24.6
100	PI/2 BPSK	135	69		23.18		25.1
100	PI/2 BPSK	135	138		22.75		24.6
100	PI/2 BPSK	270	0		22.80		
100	QPSK	1	1		23.30		25.1
100	QPSK	1	137		23.31		
100	QPSK	1	271		23.37		
100	QPSK	135	0		22.17		24.1
100	QPSK	135	69		23.21		25.1
100	QPSK	135	138		22.22		24.1
100	QPSK	270	0		22.21		
100	16QAM	1	1		22.23		24.1
100	64QAM	1	1		20.81		22.6
100	256QAM	1	1		18.78		20.6
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.16	23.18	23.16	25.1
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.23	23.17	23.17	25.1
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.24	23.17	23.19	25.1
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.24	23.19	23.12	25.1
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.17	23.26	23.19	25.1
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.17	23.23	23.15	25.1
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.19	23.25	23.12	25.1
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.17	23.21	23.16	25.1
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.24	23.23	23.12	25.1
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.25	23.20	23.10	25.1
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.26	23.17	23.16	25.1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.70		19.0
100	PI/2 BPSK	1	137		17.44		
100	PI/2 BPSK	1	271		17.66		
100	PI/2 BPSK	135	0		17.50		19.0
100	PI/2 BPSK	135	69		17.45		19.0
100	PI/2 BPSK	135	138		17.50		19.0
100	PI/2 BPSK	270	0		17.48		
100	QPSK	1	1		17.60		19.0
100	QPSK	1	137		17.38		
100	QPSK	1	271		17.55		
100	QPSK	135	0		17.50		19.0
100	QPSK	135	69		17.45		19.0
100	QPSK	135	138		17.44		19.0
100	QPSK	270	0		17.45		
100	16QAM	1	1		17.66		19.0
100	64QAM	1	1		17.52		19.0
100	256QAM	1	1		17.51		19.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	17.58	17.62	17.60	19.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	17.46	17.49	17.42	19.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	17.48	17.43	17.44	19.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	17.45	17.48	17.49	19.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	17.46	17.45	17.47	19.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	17.41	17.47	17.41	19.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	17.42	17.44	17.48	19.0
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	17.45	17.49	17.45	19.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	17.41	17.51	17.43	19.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	17.41	17.45	17.44	19.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	17.38	17.45	17.43	19.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.99		26.0
100	PI/2 BPSK	1	137		25.83		
100	PI/2 BPSK	1	271		25.89		
100	PI/2 BPSK	135	0		25.35		25.5
100	PI/2 BPSK	135	69		25.86		26.0
100	PI/2 BPSK	135	138		25.34		25.5
100	PI/2 BPSK	270	0		25.32		
100	QPSK	1	1		25.98		26.0
100	QPSK	1	137		25.73		
100	QPSK	1	271		25.91		
100	QPSK	135	0		24.86		25.0
100	QPSK	135	69		25.75		26.0
100	QPSK	135	138		24.78		25.0
100	QPSK	270	0		24.86		
100	16QAM	1	1		24.85		25.0
100	64QAM	1	1		23.42		23.5
100	256QAM	1	1		21.41		21.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.78	25.81	25.63	26.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.74	25.83	25.62	26.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.80	25.84	25.62	26.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.82	25.78	25.63	26.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.78	25.79	25.63	26.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.77	25.82	25.62	26.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.84	25.75	25.59	26.0
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.76	25.81	25.62	26.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.82	25.76	25.60	26.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.83	25.80	25.66	26.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.81	25.82	25.68	26.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.73		22.0
100	PI/2 BPSK	1	137		20.52		
100	PI/2 BPSK	1	271		20.52		
100	PI/2 BPSK	135	0		20.50		22.0
100	PI/2 BPSK	135	69		20.49		22.0
100	PI/2 BPSK	135	138		20.47		22.0
100	PI/2 BPSK	270	0		20.51		
100	QPSK	1	1		20.66		22.0
100	QPSK	1	137		20.35		
100	QPSK	1	271		20.60		
100	QPSK	135	0		20.53		22.0
100	QPSK	135	69		20.38		22.0
100	QPSK	135	138		20.47		22.0
100	QPSK	270	0		20.43		
100	16QAM	1	1		20.55		22.0
100	64QAM	1	1		20.62		22.0
100	256QAM	1	1		20.60		21.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.56	20.64	20.60	22.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.38	20.47	20.45	22.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.43	20.49	20.42	22.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.39	20.53	20.48	22.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.45	20.50	20.43	22.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.42	20.53	20.49	22.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.44	20.46	20.44	22.0
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	20.46	20.51	20.45	22.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.38	20.46	20.50	22.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.39	20.52	20.44	22.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.45	20.50	20.46	22.0